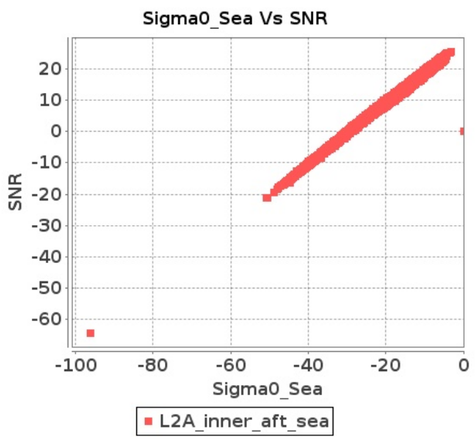
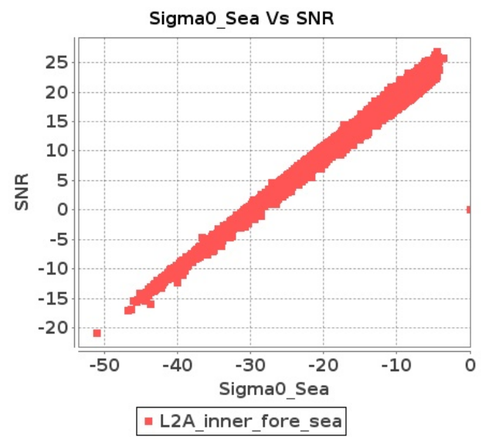
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 02-SEP-2019 To 03-SEP-2019

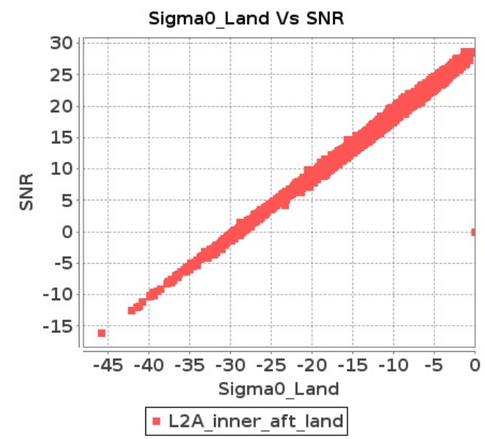
## Inner Sea Aft Sigma0VsSNR



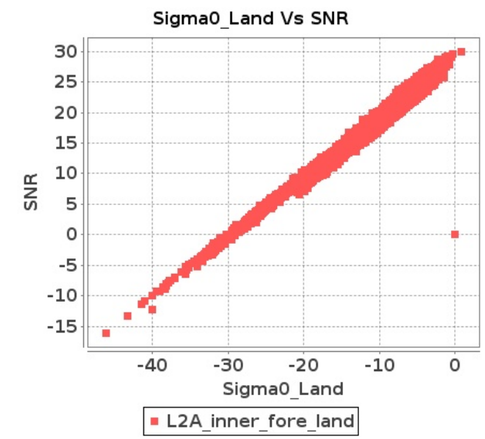

## Inner Sea Fore Sigma0VsSNR



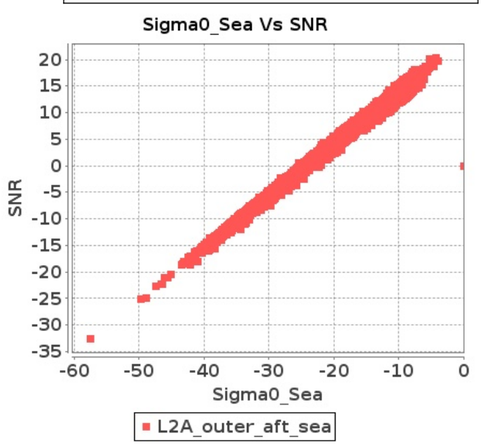

## Inner Land Aft Sigma0VsSNR



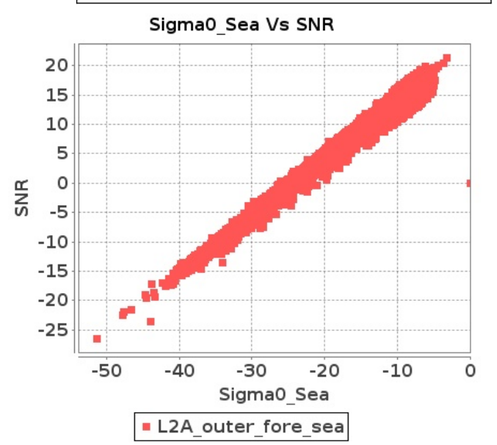

## Inner Land Fore Sigma0VsSNR



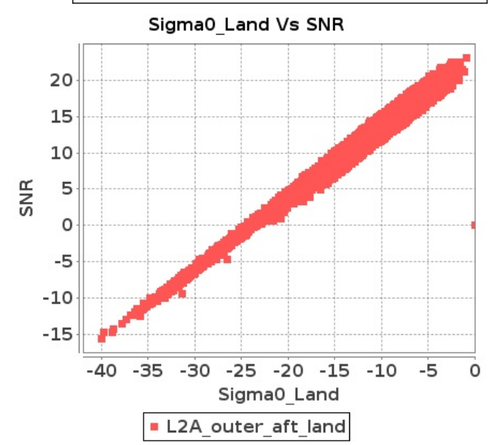

## Outer Sea Aft Sigma0VsSNR



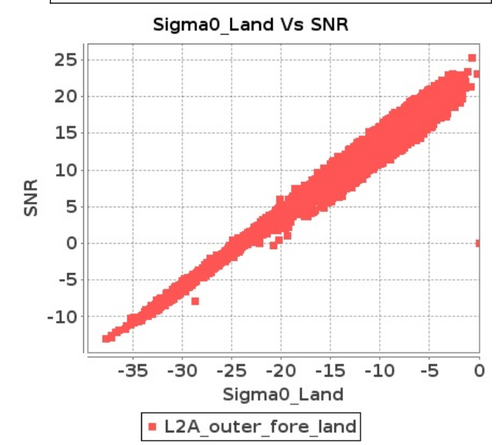

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 02-SEP-2019 To 03-SEP-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 | 15526 | 15527 | SN | 1 | 0.0 | 49.159 | 1.593 | 0.0 | 50.588 | 1.85 | 0.0 | 42.587 | 1.246 | 0.0 | 44.75 | 1.595 | 0.0 | 49.831 | 1.548 | 0.0 | 51.177 | 1.686 | 0.0 | 41.178 | 1.14 | 0.0 | 40.377 | 1.366 |
| 2 | 15526 | 15527 | SN | 1 | 0.0 | 47.767 | 5.373 | 0.0 | 47.662 | 5.459 | 0.0 | 45.907 | 4.811 | 0.0 | 45.098 | 5.539 | 0.0 | 49.014 | 5.454 | 0.0 | 47.26 | 5.004 | 0.0 | 46.064 | 4.634 | 0.0 | 42.966 | 5.005 |
| 3 | 15526 | 15527 | SN | 1 | 0.0 | 50.236 | 5.333 | 0.0 | 47.641 | 5.388 | 0.0 | 46.237 | 4.833 | 0.0 | 45.558 | 5.581 | 0.0 | 50.307 | 5.434 | 0.0 | 47.097 | 4.983 | 0.0 | 46.395 | 4.712 | 0.0 | 42.917 | 5.012 |
| 4 | 15526 | 15527 | SN | 1 | 0.0 | 49.368 | 5.429 | 0.0 | 47.911 | 5.661 | 0.0 | 45.907 | 4.658 | 0.0 | 46.356 | 5.777 | 0.0 | 51.174 | 5.472 | 0.0 | 48.932 | 5.203 | 0.0 | 46.064 | 4.464 | 0.0 | 44.28 | 5.238 |
| 5 | 15526 | 15527 | SN | 1 | 0.0 | 49.159 | 1.552 | 0.0 | 50.831 | 1.786 | 0.0 | 42.587 | 1.294 | 0.0 | 44.75 | 1.527 | 0.0 | 49.831 | 1.514 | 0.0 | 51.177 | 1.627 | 0.0 | 41.178 | 1.201 | 0.0 | 40.377 | 1.317 |
| 6 | 15526 | 15527 | SN | 1 | 0.0 | 50.954 | 1.525 | 0.0 | 51.235 | 1.792 | 0.0 | 42.971 | 1.286 | 0.0 | 44.75 | 1.55 | 0.0 | 50.342 | 1.489 | 0.0 | 49.079 | 1.636 | 0.0 | 41.562 | 1.192 | 0.0 | 40.395 | 1.36 |
| 7 | 15527 | 15528 | SN | 1 | 0.0 | 40.511 | 0.915 | 0.0 | 47.646 | 1.396 | 0.0 | 43.718 | 1.061 | 0.0 | 42.614 | 1.419 | 0.0 | 41.13 | 0.885 | 0.0 | 46.75 | 1.257 | 0.0 | 43.849 | 1.007 | 0.0 | 38.691 | 1.158 |
| 8 | 15527 | 15528 | SN | 1 | 0.0 | 40.511 | 0.911 | 0.0 | 47.646 | 1.408 | 0.0 | 43.718 | 1.046 | 0.0 | 42.614 | 1.431 | 0.0 | 41.13 | 0.882 | 0.0 | 46.75 | 1.263 | 0.0 | 43.849 | 0.993 | 0.0 | 38.691 | 1.188 |
| 9 | 15527 | 15528 | NS | 1 | 0.0 | 55.294 | 3.72 | 0.0 | 51.501 | 4.364 | 0.0 | 43.036 | 3.529 | 0.0 | 48.024 | 4.636 | 0.0 | 54.685 | 3.761 | 0.0 | 54.132 | 4.0 | 0.0 | 40.316 | 3.436 | 0.0 | 47.961 | 4.153 |
| 10 | 15527 | 15528 | SN | 1 | 0.0 | 47.88 | 3.38 | 0.0 | 48.792 | 4.586 | 0.0 | 44.858 | 3.354 | 0.0 | 46.331 | 4.306 | 0.0 | 48.498 | 3.339 | 0.0 | 49.775 | 4.339 | 0.0 | 43.759 | 3.297 | 0.0 | 45.993 | 4.054 |
| 11 | 15527 | 15528 | NS | 1 | 0.0 | 43.585 | 0.974 | 0.0 | 52.089 | 1.352 | 0.0 | 36.392 | 1.128 | 0.0 | 46.517 | 1.538 | 0.0 | 44.51 | 0.934 | 0.0 | 50.022 | 1.327 | 0.0 | 36.902 | 1.037 | 0.0 | 45.696 | 1.366 |
| 12 | 15527 | 15528 | SN | 1 | 0.0 | 40.935 | 0.888 | 0.0 | 51.69 | 1.367 | 0.0 | 38.485 | 1.048 | 0.0 | 38.949 | 1.431 | 0.0 | 41.196 | 0.861 | 0.0 | 51.907 | 1.229 | 0.0 | 38.796 | 0.997 | 0.0 | 37.51 | 1.206 |
| 13 | 15527 | 15528 | SN | 1 | 0.0 | 47.88 | 3.404 | 0.0 | 48.792 | 4.619 | 0.0 | 44.858 | 3.312 | 0.0 | 46.331 | 4.358 | 0.0 | 48.498 | 3.363 | 0.0 | 49.775 | 4.426 | 0.0 | 43.759 | 3.256 | 0.0 | 45.993 | 4.123 |
| 14 | 15527 | 15528 | SN | 1 | 0.0 | 47.989 | 3.353 | 0.0 | 50.092 | 4.649 | 0.0 | 43.881 | 3.355 | 0.0 | 47.128 | 4.387 | 0.0 | 48.608 | 3.313 | 0.0 | 51.064 | 4.406 | 0.0 | 43.034 | 3.277 | 0.0 | 49.305 | 4.144 |
| 15 | 15528 | 15529 | SN | 1 | 0.0 | 49.373 | 1.278 | 0.0 | 50.872 | 1.77 | 0.0 | 40.112 | 1.324 | 0.0 | 39.571 | 2.058 | 0.0 | 50.69 | 1.28 | 0.0 | 50.462 | 1.649 | 0.0 | 40.474 | 1.281 | 0.0 | 38.593 | 1.948 |
| 16 | 15528 | 15529 | SN | 1 | 0.0 | 43.887 | 1.246 | 0.0 | 49.916 | 1.704 | 0.0 | 37.629 | 1.34 | 0.0 | 43.745 | 2.045 | 0.0 | 45.205 | 1.264 | 0.0 | 49.508 | 1.644 | 0.0 | 38.109 | 1.285 | 0.0 | 44.644 | 1.95 |
| 17 | 15528 | 15529 | NS | 1 | 0.0 | 55.444 | 0.642 | 0.0 | 48.382 | 1.041 | 0.0 | 34.526 | 0.741 | 0.0 | 43.616 | 1.104 | 0.0 | 57.735 | 0.644 | 0.0 | 49.896 | 0.923 | 0.0 | 34.97 | 0.698 | 0.0 | 41.128 | 0.948 |
| 18 | 15528 | 15529 | NS | 1 | 0.0 | 51.271 | 0.667 | 0.0 | 51.902 | 1.025 | 0.0 | 38.66 | 0.73 | 0.0 | 44.125 | 1.087 | 0.0 | 52.595 | 0.685 | 0.0 | 52.499 | 0.951 | 0.0 | 38.044 | 0.699 | 0.0 | 40.659 | 0.945 |
| 19 | 15528 | 15529 | SN | 1 | 0.0 | 46.704 | 4.325 | 0.0 | 47.4 | 5.416 | 0.0 | 46.518 | 4.425 | 0.0 | 46.345 | 5.966 | 0.0 | 46.891 | 4.396 | 0.0 | 48.346 | 5.509 | 0.0 | 47.441 | 4.36 | 0.0 | 47.291 | 5.655 |
| 20 | 15528 | 15529 | SN | 1 | 0.0 | 46.464 | 4.325 | 0.0 | 52.196 | 5.499 | 0.0 | 45.401 | 4.461 | 0.0 | 42.997 | 5.915 | 0.0 | 46.759 | 4.345 | 0.0 | 52.485 | 5.57 | 0.0 | 46.327 | 4.475 | 0.0 | 42.905 | 5.648 |
| 21 | 15528 | 15529 | SN | 1 | 0.0 | 43.406 | 1.26 | 0.0 | 49.916 | 1.721 | 0.0 | 37.883 | 1.352 | 0.0 | 43.745 | 2.065 | 0.0 | 44.726 | 1.274 | 0.0 | 49.508 | 1.655 | 0.0 | 38.361 | 1.305 | 0.0 | 44.644 | 1.974 |
| 22 | 15528 | 15529 | NS | 1 | 0.0 | 54.759 | 2.341 | 0.0 | 49.018 | 3.365 | 0.0 | 39.486 | 2.383 | 0.0 | 44.356 | 3.317 | 0.0 | 55.25 | 2.372 | 0.0 | 51.899 | 3.143 | 0.0 | 42.468 | 2.297 | 0.0 | 42.659 | 2.876 |
| 23 | 15528 | 15529 | NS | 1 | 0.0 | 54.759 | 2.544 | 0.0 | 49.625 | 3.141 | 0.0 | 43.265 | 2.476 | 0.0 | 44.21 | 3.23 | 0.0 | 55.25 | 2.544 | 0.0 | 50.846 | 2.96 | 0.0 | 42.99 | 2.362 | 0.0 | 41.22 | 2.733 |
| 24 | 15528 | 15529 | SN | 1 | 0.0 | 46.464 | 4.383 | 0.0 | 52.196 | 5.611 | 0.0 | 45.401 | 4.505 | 0.0 | 42.997 | 5.975 | 0.0 | 46.786 | 4.413 | 0.0 | 52.485 | 5.682 | 0.0 | 46.327 | 4.526 | 0.0 | 42.905 | 5.711 |
| 25 | 15529 | 15530 | SN | 1 | 0.0 | 39.455 | 1.251 | 0.0 | 37.787 | 1.614 | 0.0 | 37.858 | 1.536 | 0.0 | 37.762 | 2.272 | 0.0 | 39.508 | 1.269 | 0.0 | 39.787 | 1.534 | 0.0 | 35.886 | 1.552 | 0.0 | 37.123 | 2.05 |
| 26 | 15529 | 15530 | SN | 1 | 0.0 | 45.056 | 4.594 | 0.0 | 44.201 | 5.499 | 0.0 | 41.853 | 4.404 | 0.0 | 37.765 | 5.928 | 0.0 | 45.843 | 4.614 | 0.0 | 43.885 | 5.306 | 0.0 | 39.432 | 4.39 | 0.0 | 37.499 | 5.558 |
| 27 | 15529 | 15530 | SN | 1 | 0.0 | 40.244 | 1.31 | 0.0 | 42.541 | 1.615 | 0.0 | 38.18 | 1.586 | 0.0 | 37.762 | 2.23 | 0.0 | 39.508 | 1.339 | 0.0 | 41.786 | 1.513 | 0.0 | 37.521 | 1.612 | 0.0 | 37.123 | 1.99 |
| 28 | 15529 | 15530 | SN | 1 | 0.0 | 40.244 | 1.31 | 0.0 | 42.541 | 1.615 | 0.0 | 38.18 | 1.586 | 0.0 | 37.762 | 2.23 | 0.0 | 39.508 | 1.339 | 0.0 | 41.786 | 1.513 | 0.0 | 37.521 | 1.612 | 0.0 | 37.123 | 1.99 |
| 29 | 15529 | 15530 | SN | 1 | 0.0 | 48.502 | 4.339 | 0.0 | 49.628 | 5.588 | 0.0 | 39.487 | 4.269 | 0.0 | 42.422 | 5.898 | 0.0 | 50.097 | 4.401 | 0.0 | 49.521 | 5.289 | 0.0 | 38.597 | 4.225 | 0.0 | 43.885 | 5.55 |
| 30 | 15529 | 15530 | NS | 1 | 0.0 | 47.873 | 3.547 | 0.0 | 50.503 | 4.305 | 0.0 | 46.13 | 3.316 | 0.0 | 44.676 | 4.218 | 0.0 | 47.474 | 3.557 | 0.0 | 50.318 | 3.951 | 0.0 | 50.194 | 3.195 | 0.0 | 44.212 | 3.771 |
| 31 | 15529 | 15530 | NS | 1 | 0.0 | 47.873 | 3.567 | 0.0 | 50.503 | 4.305 | 0.0 | 46.056 | 3.351 | 0.0 | 44.676 | 4.176 | 0.0 | 47.474 | 3.608 | 0.0 | 50.318 | 3.992 | 0.0 | 50.121 | 3.259 | 0.0 | 44.212 | 3.75 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15529 | 15530 | NS | 1 | 0.0 | 44.965 | 1.09 | 0.0 | 46.603 | 1.321 | 0.0 | 40.117 | 0.991 | 0.0 | 43.539 | 1.45 | 0.0 | 45.55 | 1.047 | 0.0 | 47.509 | 1.231 | 0.0 | 38.741 | 0.934 | 0.0 | 40.955 | 1.301 |
| 33 | 15529 | 15530 | NS | 1 | 0.0 | 44.965 | 1.065 | 0.0 | 46.603 | 1.323 | 0.0 | 40.117 | 0.998 | 0.0 | 43.539 | 1.464 | 0.0 | 45.55 | 1.04 | 0.0 | 47.509 | 1.233 | 0.0 | 38.741 | 0.93 | 0.0 | 40.955 | 1.303 |
| 34 | 15529 | 15530 | SN | 1 | 0.0 | 45.056 | 4.594 | 0.0 | 44.201 | 5.499 | 0.0 | 41.853 | 4.404 | 0.0 | 37.765 | 5.928 | 0.0 | 45.843 | 4.614 | 0.0 | 43.885 | 5.306 | 0.0 | 39.432 | 4.39 | 0.0 | 37.499 | 5.558 |
| 35 | 15530 | 15531 | NS | 1 | 0.0 | 44.967 | 3.235 | 0.0 | 47.969 | 4.188 | 0.0 | 43.18 | 3.206 | 0.0 | 44.035 | 3.952 | 0.0 | 46.406 | 3.287 | 0.0 | 47.145 | 3.857 | 0.0 | 43.568 | 2.964 | 0.0 | 43.574 | 3.297 |
| 36 | 15530 | 15531 | SN | 1 | 0.0 | 44.594 | 1.669 | 0.0 | 48.403 | 1.993 | 0.0 | 37.45 | 1.775 | 0.0 | 46.345 | 2.601 | 0.0 | 44.872 | 1.629 | 0.0 | 48.729 | 1.807 | 0.0 | 36.73 | 1.647 | 0.0 | 45.131 | 2.171 |
| 37 | 15530 | 15531 | SN | 1 | 0.0 | 50.011 | 5.406 | 0.0 | 50.898 | 6.421 | 0.0 | 39.524 | 5.026 | 0.0 | 41.859 | 7.073 | 0.0 | 51.477 | 5.345 | 0.0 | 48.32 | 6.137 | 0.0 | 38.559 | 4.912 | 0.0 | 38.339 | 6.454 |
| 38 | 15530 | 15531 | SN | 1 | 0.0 | 50.243 | 5.406 | 0.0 | 50.381 | 6.431 | 0.0 | 41.141 | 5.026 | 0.0 | 41.672 | 7.073 | 0.0 | 51.708 | 5.315 | 0.0 | 47.802 | 6.117 | 0.0 | 39.958 | 4.969 | 0.0 | 38.339 | 6.44 |
| 39 | 15530 | 15531 | SN | 1 | 0.0 | 39.023 | 1.616 | 0.0 | 42.402 | 2.031 | 0.0 | 37.45 | 1.699 | 0.0 | 36.897 | 2.651 | 0.0 | 38.326 | 1.595 | 0.0 | 41.985 | 1.862 | 0.0 | 35.316 | 1.553 | 0.0 | 35.981 | 2.225 |
| 40 | 15530 | 15531 | SN | 1 | 0.0 | 47.1 | 5.106 | 0.0 | 47.361 | 6.542 | 0.0 | 41.255 | 4.845 | 0.0 | 40.414 | 7.205 | 0.0 | 48.566 | 5.116 | 0.0 | 47.045 | 6.24 | 0.0 | 41.081 | 4.706 | 0.0 | 42.523 | 6.671 |
| 41 | 15530 | 15531 | NS | 1 | 0.0 | 45.698 | 0.95 | 0.0 | 49.936 | 1.162 | 0.0 | 46.427 | 0.784 | 0.0 | 41.41 | 1.033 | 0.0 | 47.838 | 0.966 | 0.0 | 48.933 | 1.041 | 0.0 | 50.904 | 0.745 | 0.0 | 41.235 | 0.854 |
| 42 | 15530 | 15531 | NS | 1 | 0.0 | 45.995 | 3.94 | 0.0 | 50.616 | 4.195 | 0.0 | 44.496 | 3.286 | 0.0 | 50.329 | 4.007 | 0.0 | 46.592 | 3.93 | 0.0 | 48.412 | 3.75 | 0.0 | 43.018 | 3.037 | 0.0 | 51.389 | 3.424 |
| 43 | 15530 | 15531 | SN | 1 | 0.0 | 39.023 | 1.66 | 0.0 | 48.403 | 1.991 | 0.0 | 37.45 | 1.762 | 0.0 | 46.664 | 2.587 | 0.0 | 38.326 | 1.624 | 0.0 | 48.729 | 1.807 | 0.0 | 36.034 | 1.642 | 0.0 | 45.45 | 2.177 |
| 44 | 15530 | 15531 | NS | 1 | 0.0 | 48.437 | 0.952 | 0.0 | 46.074 | 1.179 | 0.0 | 45.185 | 0.847 | 0.0 | 40.414 | 1.103 | 0.0 | 49.755 | 0.952 | 0.0 | 45.09 | 1.118 | 0.0 | 45.032 | 0.79 | 0.0 | 41.892 | 0.917 |
| 45 | 15531 | 15532 | NS | 1 | 0.0 | 53.13 | 5.522 | 0.0 | 49.216 | 5.963 | 0.0 | 46.981 | 4.474 | 0.0 | 41.549 | 5.148 | 0.0 | 51.918 | 5.623 | 0.0 | 49.064 | 5.7 | 0.0 | 44.581 | 4.452 | 0.0 | 44.032 | 4.587 |
| 46 | 15531 | 15532 | NS | 1 | 0.0 | 44.985 | 1.493 | 0.0 | 44.646 | 1.628 | 0.0 | 43.237 | 1.177 | 0.0 | 44.028 | 1.659 | 0.0 | 43.443 | 1.475 | 0.0 | 41.668 | 1.499 | 0.0 | 44.319 | 1.131 | 0.0 | 43.54 | 1.36 |
| 47 | 15531 | 15532 | SN | 1 | 0.0 | 52.303 | 8.163 | 0.0 | 49.874 | 9.876 | 0.0 | 43.024 | 7.073 | 0.0 | 46.826 | 8.92 | 0.0 | 53.412 | 8.194 | 0.0 | 49.237 | 9.573 | 0.0 | 41.176 | 7.144 | 0.0 | 46.302 | 8.721 |
| 48 | 15531 | 15532 | SN | 1 | 0.0 | 42.612 | 2.034 | 0.0 | 47.815 | 2.793 | 0.0 | 43.441 | 2.201 | 0.0 | 47.872 | 3.106 | 0.0 | 42.824 | 2.046 | 0.0 | 46.547 | 2.63 | 0.0 | 42.945 | 2.208 | 0.0 | 46.192 | 2.858 |
| 49 | 15531 | 15532 | SN | 1 | 0.0 | 49.145 | 8.178 | 0.0 | 49.874 | 10.141 | 0.0 | 43.024 | 7.064 | 0.0 | 46.826 | 9.356 | 0.0 | 49.213 | 8.294 | 0.0 | 49.237 | 9.844 | 0.0 | 41.332 | 7.123 | 0.0 | 46.302 | 9.058 |
| 50 | 15531 | 15532 | SN | 1 | 0.0 | 44.849 | 2.068 | 0.0 | 47.815 | 2.795 | 0.0 | 43.584 | 2.215 | 0.0 | 48.118 | 3.081 | 0.0 | 45.06 | 2.057 | 0.0 | 46.547 | 2.655 | 0.0 | 43.089 | 2.213 | 0.0 | 46.437 | 2.866 |
| 51 | 15531 | 15532 | SN | 1 | 0.0 | 51.959 | 8.082 | 0.0 | 51.286 | 9.806 | 0.0 | 42.676 | 7.081 | 0.0 | 46.582 | 8.785 | 0.0 | 52.635 | 8.132 | 0.0 | 51.27 | 9.512 | 0.0 | 42.757 | 7.187 | 0.0 | 46.058 | 8.692 |
| 52 | 15531 | 15532 | SN | 1 | 0.0 | 42.928 | 2.061 | 0.0 | 47.816 | 2.91 | 0.0 | 43.584 | 2.181 | 0.0 | 48.118 | 3.187 | 0.0 | 43.545 | 2.054 | 0.0 | 46.547 | 2.794 | 0.0 | 43.089 | 2.181 | 0.0 | 46.437 | 2.984 |
| 53 | 15531 | 15532 | NS | 1 | 0.0 | 49.954 | 5.529 | 0.0 | 51.246 | 6.082 | 0.0 | 44.012 | 4.302 | 0.0 | 49.201 | 5.175 | 0.0 | 49.912 | 5.61 | 0.0 | 50.436 | 5.658 | 0.0 | 45.144 | 4.352 | 0.0 | 47.883 | 4.728 |
| 54 | 15531 | 15532 | NS | 1 | 0.0 | 50.692 | 1.448 | 0.0 | 46.187 | 1.558 | 0.0 | 40.938 | 1.222 | 0.0 | 43.284 | 1.615 | 0.0 | 50.88 | 1.432 | 0.0 | 43.558 | 1.449 | 0.0 | 39.139 | 1.206 | 0.0 | 43.315 | 1.342 |
| 55 | 15532 | 15533 | SN | 1 | 0.0 | 48.514 | 6.223 | 0.0 | 51.356 | 7.788 | 0.0 | 41.769 | 6.319 | 0.0 | 46.654 | 7.318 | 0.0 | 49.862 | 6.294 | 0.0 | 54.59 | 7.343 | 0.0 | 41.994 | 6.163 | 0.0 | 46.852 | 6.663 |
| 56 | 15532 | 15533 | NS | 1 | 0.0 | 47.047 | 3.277 | 0.0 | 51.266 | 7.44 | 0.0 | 39.5 | 3.216 | 0.0 | 42.951 | 5.674 | 0.0 | 46.369 | 3.209 | 0.0 | 51.891 | 6.94 | 0.0 | 37.662 | 3.111 | 0.0 | 46.005 | 4.89 |
| 57 | 15532 | 15533 | NS | 1 | 0.0 | 37.812 | 0.948 | 0.0 | 47.03 | 2.077 | 0.0 | 39.411 | 0.99 | 0.0 | 37.332 | 1.648 | 0.0 | 38.081 | 0.917 | 0.0 | 47.364 | 1.943 | 0.0 | 37.353 | 0.823 | 0.0 | 38.58 | 1.424 |
| 58 | 15532 | 15533 | SN | 1 | 0.0 | 48.514 | 6.09 | 0.0 | 51.356 | 7.824 | 0.0 | 41.695 | 6.403 | 0.0 | 46.654 | 7.421 | 0.0 | 49.862 | 6.173 | 0.0 | 54.59 | 7.397 | 0.0 | 44.179 | 6.271 | 0.0 | 46.852 | 6.82 |
| 59 | 15532 | 15533 | NS | 1 | 0.0 | 47.047 | 4.583 | 0.0 | 51.258 | 6.467 | 0.0 | 43.553 | 3.991 | 0.0 | 43.019 | 4.991 | 0.0 | 46.369 | 4.623 | 0.0 | 51.881 | 6.052 | 0.0 | 43.972 | 3.799 | 0.0 | 44.872 | 4.274 |
| 60 | 15532 | 15533 | SN | 1 | 0.0 | 48.514 | 6.223 | 0.0 | 51.356 | 7.788 | 0.0 | 41.769 | 6.319 | 0.0 | 46.654 | 7.318 | 0.0 | 49.862 | 6.294 | 0.0 | 54.59 | 7.343 | 0.0 | 41.994 | 6.163 | 0.0 | 46.852 | 6.663 |
| 61 | 15532 | 15533 | SN | 1 | 0.0 | 46.3 | 1.714 | 0.0 | 45.186 | 2.453 | 0.0 | 40.219 | 1.846 | 0.0 | 43.901 | 2.29 | 0.0 | 46.539 | 1.68 | 0.0 | 45.357 | 2.211 | 0.0 | 41.152 | 1.711 | 0.0 | 40.4 | 2.07 |
| 62 | 15532 | 15533 | NS | 1 | 0.0 | 42.007 | 1.101 | 0.0 | 47.007 | 1.856 | 0.0 | 37.833 | 1.11 | 0.0 | 41.754 | 1.664 | 0.0 | 41.63 | 1.126 | 0.0 | 47.343 | 1.691 | 0.0 | 39.495 | 0.991 | 0.0 | 40.767 | 1.397 |
| 63 | 15532 | 15533 | SN | 1 | 0.0 | 45.084 | 1.704 | 0.0 | 45.186 | 2.433 | 0.0 | 40.219 | 1.837 | 0.0 | 43.901 | 2.257 | 0.0 | 45.32 | 1.671 | 0.0 | 45.357 | 2.188 | 0.0 | 41.152 | 1.699 | 0.0 | 40.4 | 2.032 |
| 64 | 15532 | 15533 | SN | 1 | 0.0 | 45.084 | 1.704 | 0.0 | 45.186 | 2.433 | 0.0 | 40.219 | 1.837 | 0.0 | 43.901 | 2.257 | 0.0 | 45.32 | 1.671 | 0.0 | 45.357 | 2.188 | 0.0 | 41.152 | 1.699 | 0.0 | 40.4 | 2.032 |
| 65 | 15533 | 15534 | SN | 1 | 0.0 | 44.122 | 1.454 | 0.0 | 44.665 | 1.973 | 0.0 | 43.186 | 1.075 | 0.0 | 45.002 | 1.408 | 0.0 | 43.23 | 1.459 | 0.0 | 43.152 | 1.833 | 0.0 | 43.269 | 0.972 | 0.0 | 40.371 | 1.177 |
| 66 | 15533 | 15534 | NS | 1 | 0.0 | 51.537 | 1.305 | 0.0 | 51.735 | 1.752 | 0.0 | 38.888 | 1.378 | 0.0 | 42.643 | 1.946 | 0.0 | 53.03 | 1.3 | 0.0 | 53.321 | 1.698 | 0.0 | 38.322 | 1.302 | 0.0 | 43.121 | 1.742 |
| 67 | 15533 | 15534 | SN | 1 | 0.0 | 44.122 | 1.437 | 0.0 | 44.665 | 1.969 | 0.0 | 43.186 | 1.051 | 0.0 | 45.002 | 1.347 | 0.0 | 43.23 | 1.434 | 0.0 | 43.152 | 1.837 | 0.0 | 43.269 | 0.952 | 0.0 | 40.371 | 1.133 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 15533 | 15534 | SN | 1 | 0.0 | 51.583 | 6.081 | 0.0 | 53.16 | 7.737 | 0.0 | 49.601 | 3.972 | 0.0 | 47.44 | 5.14 | 0.0 | 53.365 | 6.222 | 0.0 | 51.25 | 7.545 | 0.0 | 47.686 | 3.767 | 0.0 | 45.409 | 4.577 |
| 69 | 15533 | 15534 | NS | 1 | 0.099 | 52.08 | 4.978 | 0.0 | 53.486 | 5.96 | 0.0 | 44.379 | 4.305 | 0.0 | 47.454 | 5.509 | 0.042 | 52.355 | 4.988 | 0.0 | 55.124 | 5.667 | 0.0 | 42.561 | 4.39 | 0.0 | 45.951 | 5.36 |
| 70 | 15533 | 15534 | SN | 1 | 0.0 | 51.583 | 5.98 | 0.0 | 49.498 | 7.58 | 0.0 | 49.601 | 3.872 | 0.0 | 47.44 | 4.952 | 0.0 | 53.365 | 6.146 | 0.0 | 51.25 | 7.458 | 0.0 | 47.686 | 3.654 | 0.0 | 45.409 | 4.445 |
| 71 | 15534 | 15535 | SN | 1 | 0.0 | 54.495 | 2.818 | 0.0 | 48.814 | 4.77 | 0.0 | 48.444 | 2.766 | 0.0 | 49.554 | 4.178 | 0.0 | 54.952 | 2.898 | 0.0 | 49.082 | 4.294 | 0.0 | 47.233 | 2.617 | 0.0 | 47.448 | 3.715 |
| 72 | 15534 | 15535 | NS | 1 | 0.0 | 49.249 | 1.282 | 0.0 | 40.672 | 1.626 | 0.0 | 40.463 | 1.101 | 0.0 | 41.218 | 1.844 | 0.0 | 49.415 | 1.273 | 0.0 | 39.539 | 1.542 | 0.0 | 42.007 | 1.062 | 0.0 | 38.779 | 1.557 |
| 73 | 15534 | 15535 | NS | 1 | 0.0 | 53.919 | 4.338 | 0.0 | 52.609 | 4.933 | 0.0 | 47.709 | 3.856 | 0.0 | 47.728 | 5.767 | 0.0 | 54.582 | 4.459 | 0.0 | 49.147 | 4.67 | 0.0 | 47.668 | 3.65 | 0.0 | 44.844 | 5.17 |
| 74 | 15534 | 15535 | NS | 1 | 0.0 | 43.805 | 1.277 | 0.0 | 46.78 | 1.635 | 0.0 | 45.873 | 1.099 | 0.0 | 41.218 | 1.863 | 0.0 | 43.971 | 1.275 | 0.0 | 46.728 | 1.549 | 0.0 | 46.513 | 1.069 | 0.0 | 38.779 | 1.553 |
| 75 | 15534 | 15535 | NS | 1 | 0.0 | 44.416 | 4.358 | 0.0 | 52.657 | 4.963 | 0.0 | 48.316 | 3.892 | 0.0 | 47.728 | 5.696 | 0.0 | 45.937 | 4.469 | 0.0 | 49.195 | 4.69 | 0.0 | 48.278 | 3.699 | 0.0 | 44.844 | 5.127 |
| 76 | 15534 | 15535 | SN | 1 | 0.0 | 44.945 | 0.762 | 0.0 | 47.032 | 1.287 | 0.0 | 46.685 | 0.72 | 0.0 | 38.355 | 1.379 | 0.0 | 44.414 | 0.78 | 0.0 | 46.666 | 1.133 | 0.0 | 45.016 | 0.664 | 0.0 | 38.575 | 1.132 |
| 77 | 15535 | 15536 | NS | 1 | 0.0 | 50.607 | 1.672 | 0.0 | 46.263 | 2.083 | 0.0 | 42.354 | 1.443 | 0.0 | 41.716 | 1.93 | 0.0 | 49.69 | 1.672 | 0.0 | 47.233 | 2.051 | 0.0 | 43.183 | 1.354 | 0.0 | 39.801 | 1.614 |
| 78 | 15535 | 15536 | SN | 1 | 0.0 | 47.72 | 0.972 | 0.0 | 39.418 | 1.403 | 0.0 | 37.991 | 0.983 | 0.0 | 44.093 | 1.408 | 0.0 | 47.323 | 0.981 | 0.0 | 41.167 | 1.294 | 0.0 | 37.39 | 0.906 | 0.0 | 41.589 | 1.203 |
| 79 | 15535 | 15536 | NS | 1 | 0.0 | 48.689 | 1.708 | 0.0 | 47.17 | 2.094 | 0.0 | 39.985 | 1.482 | 0.0 | 40.327 | 1.946 | 0.0 | 49.089 | 1.676 | 0.0 | 48.14 | 2.049 | 0.0 | 40.939 | 1.386 | 0.0 | 41.455 | 1.651 |
| 80 | 15535 | 15536 | NS | 1 | 0.0 | 48.579 | 6.403 | 0.0 | 52.44 | 7.441 | 0.0 | 50.373 | 5.689 | 0.0 | 46.653 | 6.358 | 0.0 | 50.907 | 6.555 | 0.0 | 53.82 | 7.118 | 0.0 | 51.91 | 5.391 | 0.0 | 45.416 | 6.032 |
| 81 | 15535 | 15536 | SN | 1 | 0.0 | 49.735 | 3.97 | 0.0 | 55.952 | 5.388 | 0.0 | 42.782 | 3.321 | 0.0 | 45.531 | 4.322 | 0.0 | 49.323 | 3.97 | 0.0 | 55.138 | 5.085 | 0.0 | 40.589 | 3.321 | 0.0 | 46.89 | 4.165 |
| 82 | 15535 | 15536 | NS | 1 | 0.0 | 50.969 | 6.382 | 0.0 | 50.932 | 7.35 | 0.0 | 49.588 | 5.547 | 0.0 | 46.382 | 6.33 | 0.0 | 53.197 | 6.544 | 0.0 | 52.318 | 7.158 | 0.0 | 51.098 | 5.327 | 0.0 | 46.262 | 5.975 |
| 83 | 15536 | 15537 | NS | 1 | 0.0 | 50.279 | 1.443 | 0.0 | 44.195 | 1.81 | 0.0 | 40.372 | 1.435 | 0.0 | 44.779 | 1.971 | 0.0 | 48.394 | 1.495 | 0.0 | 46.747 | 1.79 | 0.0 | 41.424 | 1.405 | 0.0 | 40.55 | 1.866 |
| 84 | 15536 | 15537 | SN | 1 | 0.0 | 48.881 | 0.987 | 0.0 | 49.799 | 1.531 | 0.0 | 43.342 | 1.188 | 0.0 | 45.315 | 1.579 | 0.0 | 48.868 | 1.017 | 0.0 | 48.857 | 1.372 | 0.0 | 41.964 | 1.149 | 0.0 | 42.291 | 1.378 |
| 85 | 15536 | 15537 | NS | 1 | 0.0 | 48.935 | 4.911 | 0.0 | 53.751 | 6.203 | 0.0 | 45.882 | 4.999 | 0.0 | 47.744 | 5.8 | 0.0 | 49.103 | 5.013 | 0.0 | 52.844 | 6.122 | 0.0 | 44.393 | 4.963 | 0.0 | 48.789 | 5.971 |
| 86 | 15536 | 15537 | SN | 1 | 0.0 | 46.507 | 4.394 | 0.0 | 51.733 | 5.502 | 0.0 | 44.549 | 4.376 | 0.0 | 46.715 | 5.576 | 0.0 | 46.551 | 4.333 | 0.0 | 52.988 | 5.329 | 0.0 | 44.432 | 4.22 | 0.0 | 45.136 | 4.999 |
| 87 | 15537 | 15538 | NS | 1 | 0.0 | 46.223 | 1.711 | 0.0 | 50.137 | 2.495 | 0.0 | 37.895 | 1.745 | 0.0 | 48.83 | 2.475 | 0.0 | 47.378 | 1.746 | 0.0 | 51.727 | 2.442 | 0.0 | 38.991 | 1.668 | 0.0 | 47.514 | 2.246 |
| 88 | 15537 | 15538 | NS | 1 | 0.0 | 50.706 | 6.749 | 0.0 | 50.216 | 8.573 | 0.0 | 43.058 | 5.481 | 0.0 | 48.245 | 7.113 | 0.0 | 52.077 | 6.77 | 0.0 | 49.838 | 8.511 | 0.0 | 41.735 | 5.286 | 0.0 | 47.847 | 6.867 |
| 89 | 15537 | 15538 | NS | 1 | 0.0 | 39.521 | 1.673 | 0.0 | 50.137 | 2.445 | 0.0 | 37.895 | 1.737 | 0.0 | 48.83 | 2.421 | 0.0 | 38.408 | 1.711 | 0.0 | 51.726 | 2.395 | 0.0 | 38.991 | 1.646 | 0.0 | 47.514 | 2.212 |
| 90 | 15537 | 15538 | NS | 1 | 0.487 | 50.7 | 6.65 | 0.0 | 50.217 | 8.395 | 0.0 | 43.63 | 5.437 | 0.0 | 48.245 | 7.035 | 0.364 | 52.07 | 6.64 | 0.0 | 49.838 | 8.314 | 0.0 | 41.845 | 5.209 | 0.0 | 47.849 | 6.787 |
| 91 | 15537 | 15538 | SN | 1 | 0.0 | 44.594 | 0.834 | 0.0 | 49.32 | 1.07 | 0.0 | 44.459 | 0.871 | 0.0 | 48.174 | 1.29 | 0.0 | 45.424 | 0.8 | 0.0 | 50.266 | 0.975 | 0.0 | 45.011 | 0.8 | 0.0 | 44.681 | 1.052 |
| 92 | 15537 | 15538 | SN | 1 | 0.0 | 56.267 | 3.434 | 0.0 | 50.562 | 4.092 | 0.0 | 46.161 | 3.397 | 0.0 | 49.68 | 4.285 | 0.0 | 58.575 | 3.373 | 0.0 | 51.062 | 3.778 | 0.0 | 43.781 | 3.191 | 0.0 | 46.367 | 3.737 |
| 93 | 15538 | 15539 | SN | 1 | 0.0 | 55.03 | 3.485 | 0.0 | 49.84 | 4.74 | 0.0 | 40.018 | 3.788 | 0.0 | 45.589 | 5.097 | 0.0 | 55.012 | 3.495 | 0.0 | 50.135 | 4.507 | 0.0 | 39.78 | 3.639 | 0.0 | 47.83 | 4.691 |
| 94 | 15538 | 15539 | SN | 1 | 0.0 | 47.309 | 0.983 | 0.0 | 56.297 | 1.573 | 0.0 | 40.867 | 1.131 | 0.0 | 41.153 | 1.728 | 0.0 | 49.258 | 0.983 | 0.0 | 53.13 | 1.455 | 0.0 | 39.882 | 1.06 | 0.0 | 40.319 | 1.486 |
| 95 | 15538 | 15539 | SN | 1 | 0.0 | 47.309 | 0.983 | 0.0 | 56.297 | 1.573 | 0.0 | 40.867 | 1.131 | 0.0 | 41.153 | 1.728 | 0.0 | 49.258 | 0.983 | 0.0 | 53.13 | 1.455 | 0.0 | 39.882 | 1.06 | 0.0 | 40.319 | 1.486 |
| 96 | 15538 | 15539 | NS | 1 | 0.0 | 10.484 | 0.0 | 0.0 | 38.947 | 5.882 | 0.0 | 14.355 | 0.0 | 0.0 | 29.661 | 3.922 | 0.0 | 11.358 | 0.0 | 0.0 | 39.327 | 4.902 | 0.0 | 11.918 | 0.0 | 0.0 | 28.747 | 2.614 |
| 97 | 15538 | 15539 | NS | 1 | 0.0 | 9.058 | 0.0 | 0.0 | 41.166 | 2.353 | 0.0 | 11.228 | 0.0 | 0.0 | 29.654 | 1.61 | 0.0 | 8.169 | 0.0 | 0.0 | 40.191 | 1.765 | 0.0 | 9.944 | 0.0 | 0.0 | 31.096 | 1.408 |
| 98 | 15538 | 15539 | SN | 1 | 0.0 | 55.03 | 3.485 | 0.0 | 49.84 | 4.74 | 0.0 | 40.018 | 3.788 | 0.0 | 45.589 | 5.097 | 0.0 | 55.012 | 3.495 | 0.0 | 50.135 | 4.507 | 0.0 | 39.78 | 3.639 | 0.0 | 47.83 | 4.691 |
| 99 | 15539 | 15540 | SN | 1 | 0.0 | 46.379 | 4.12 | 0.0 | 53.621 | 5.124 | 0.0 | 42.396 | 4.44 | 0.0 | 46.557 | 5.864 | 0.0 | 46.912 | 4.059 | 0.0 | 52.616 | 4.689 | 0.0 | 42.464 | 4.447 | 0.0 | 42.35 | 5.089 |
| 100 | 15539 | 15540 | NS | 1 | 0.0 | 49.716 | 7.843 | 0.0 | 51.961 | 9.38 | 0.0 | 44.704 | 7.42 | 0.0 | 42.216 | 9.176 | 0.0 | 50.027 | 7.914 | 0.0 | 52.648 | 9.168 | 0.0 | 45.312 | 7.527 | 0.0 | 43.523 | 9.07 |
| 101 | 15539 | 15540 | SN | 1 | 0.0 | 50.338 | 1.026 | 0.0 | 41.252 | 1.744 | 0.0 | 39.478 | 1.449 | 0.0 | 38.83 | 2.06 | 0.0 | 50.286 | 1.032 | 0.0 | 40.761 | 1.581 | 0.0 | 38.701 | 1.357 | 0.0 | 39.136 | 1.727 |
| 102 | 15539 | 15540 | SN | 1 | 0.0 | 50.338 | 1.026 | 0.0 | 41.252 | 1.744 | 0.0 | 39.478 | 1.449 | 0.0 | 38.83 | 2.06 | 0.0 | 50.286 | 1.032 | 0.0 | 40.761 | 1.581 | 0.0 | 38.701 | 1.357 | 0.0 | 39.136 | 1.727 |
| 103 | 15539 | 15540 | NS | 1 | 0.0 | 44.258 | 2.468 | 0.0 | 51.961 | 3.121 | 0.0 | 46.424 | 2.219 | 0.0 | 45.912 | 3.083 | 0.0 | 45.095 | 2.457 | 0.0 | 52.648 | 2.979 | 0.0 | 45.409 | 2.313 | 0.0 | 43.254 | 2.922 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 15539 | 15540 | NS | 1 | 0.0 | 49.716 | 8.699 | 0.0 | 51.961 | 10.406 | 0.0 | 44.704 | 8.199 | 0.0 | 42.216 | 10.158 | 0.0 | 50.027 | 8.789 | 0.0 | 52.648 | 10.16 | 0.0 | 45.312 | 8.371 | 0.0 | 43.523 | 10.033 |
| 105 | 15539 | 15540 | NS | 1 | 0.0 | 44.818 | 2.464 | 0.0 | 51.961 | 3.128 | 0.0 | 40.746 | 2.167 | 0.0 | 45.912 | 3.083 | 0.0 | 45.655 | 2.459 | 0.0 | 52.648 | 2.99 | 0.0 | 40.819 | 2.251 | 0.0 | 43.993 | 2.922 |
| 106 | 15539 | 15540 | NS | 1 | 0.0 | 55.927 | 7.822 | 0.0 | 51.961 | 9.411 | 0.0 | 49.007 | 7.435 | 0.0 | 44.093 | 9.176 | 0.0 | 55.349 | 7.914 | 0.0 | 52.648 | 9.178 | 0.0 | 49.775 | 7.541 | 0.0 | 44.29 | 9.098 |
| 107 | 15539 | 15540 | NS | 1 | 0.0 | 44.258 | 2.735 | 0.0 | 51.961 | 3.448 | 0.0 | 46.424 | 2.471 | 0.0 | 45.912 | 3.398 | 0.0 | 45.095 | 2.707 | 0.0 | 52.648 | 3.279 | 0.0 | 45.409 | 2.563 | 0.0 | 43.254 | 3.22 |
| 108 | 15539 | 15540 | SN | 1 | 0.0 | 46.379 | 4.12 | 0.0 | 53.621 | 5.124 | 0.0 | 42.396 | 4.44 | 0.0 | 46.557 | 5.864 | 0.0 | 46.912 | 4.059 | 0.0 | 52.616 | 4.689 | 0.0 | 42.464 | 4.447 | 0.0 | 42.35 | 5.089 |
| 109 | 15540 | 15541 | NS | 1 | 0.0 | 43.604 | 1.924 | 0.0 | 48.152 | 2.191 | 0.0 | 39.704 | 1.933 | 0.0 | 43.229 | 2.578 | 0.0 | 43.77 | 1.905 | 0.0 | 47.676 | 2.045 | 0.0 | 38.101 | 1.841 | 0.0 | 45.694 | 2.372 |
| 110 | 15540 | 15541 | NS | 1 | 0.0 | 43.604 | 1.645 | 0.0 | 48.152 | 1.874 | 0.0 | 39.704 | 1.654 | 0.0 | 43.229 | 2.203 | 0.0 | 43.77 | 1.631 | 0.0 | 47.676 | 1.743 | 0.0 | 37.979 | 1.587 | 0.0 | 45.694 | 2.008 |
| 111 | 15540 | 15541 | NS | 1 | 0.0 | 43.604 | 1.643 | 0.0 | 48.152 | 1.874 | 0.0 | 39.704 | 1.654 | 0.0 | 43.229 | 2.201 | 0.0 | 43.77 | 1.631 | 0.0 | 47.676 | 1.743 | 0.0 | 38.101 | 1.578 | 0.0 | 45.694 | 2.012 |
| 112 | 15540 | 15541 | NS | 1 | 0.0 | 49.69 | 6.078 | 0.0 | 50.595 | 7.112 | 0.0 | 50.372 | 5.774 | 0.0 | 43.477 | 6.928 | 0.0 | 51.001 | 6.209 | 0.0 | 48.88 | 6.95 | 0.0 | 49.114 | 5.618 | 0.0 | 40.558 | 6.531 |
| 113 | 15540 | 15541 | SN | 1 | 0.0 | 50.629 | 6.168 | 0.0 | 53.989 | 8.121 | 0.0 | 45.137 | 4.877 | 0.0 | 44.475 | 6.481 | 0.0 | 51.169 | 6.244 | 0.0 | 51.896 | 7.772 | 0.0 | 45.645 | 4.892 | 0.0 | 45.78 | 6.274 |
| 114 | 15540 | 15541 | SN | 1 | 0.0 | 51.266 | 6.616 | 0.0 | 53.989 | 8.001 | 0.0 | 45.137 | 5.25 | 0.0 | 46.596 | 6.23 | 0.0 | 52.629 | 6.677 | 0.0 | 51.896 | 7.505 | 0.0 | 45.645 | 5.314 | 0.0 | 47.903 | 5.987 |
| 115 | 15540 | 15541 | SN | 1 | 0.0 | 48.223 | 6.677 | 0.0 | 53.989 | 8.031 | 0.0 | 45.137 | 5.357 | 0.0 | 43.129 | 6.265 | 0.0 | 48.49 | 6.687 | 0.0 | 51.896 | 7.555 | 0.0 | 45.645 | 5.35 | 0.0 | 43.922 | 5.987 |
| 116 | 15540 | 15541 | SN | 1 | 0.0 | 46.886 | 1.588 | 0.0 | 46.08 | 2.207 | 0.0 | 39.919 | 1.443 | 0.0 | 45.217 | 1.899 | 0.0 | 45.938 | 1.543 | 0.0 | 45.183 | 2.05 | 0.0 | 37.974 | 1.452 | 0.0 | 43.354 | 1.705 |
| 117 | 15540 | 15541 | NS | 1 | 0.0 | 49.69 | 6.95 | 0.0 | 50.595 | 8.364 | 0.0 | 50.372 | 6.598 | 0.0 | 43.477 | 8.017 | 0.0 | 51.001 | 7.128 | 0.0 | 48.88 | 8.186 | 0.0 | 49.114 | 6.506 | 0.0 | 40.558 | 7.676 |
| 118 | 15540 | 15541 | SN | 1 | 0.0 | 46.886 | 1.571 | 0.0 | 41.709 | 2.258 | 0.0 | 39.919 | 1.436 | 0.0 | 40.592 | 1.983 | 0.0 | 45.938 | 1.529 | 0.0 | 44.59 | 2.112 | 0.0 | 37.974 | 1.419 | 0.0 | 39.714 | 1.794 |
| 119 | 15540 | 15541 | SN | 1 | 0.0 | 43.655 | 1.595 | 0.0 | 48.051 | 2.216 | 0.0 | 40.21 | 1.454 | 0.0 | 36.392 | 1.858 | 0.0 | 43.01 | 1.572 | 0.0 | 47.142 | 2.03 | 0.0 | 41.359 | 1.455 | 0.0 | 36.767 | 1.664 |
| 120 | 15540 | 15541 | NS | 1 | 0.0 | 49.69 | 6.088 | 0.0 | 50.595 | 7.122 | 0.0 | 50.372 | 5.767 | 0.0 | 43.477 | 6.914 | 0.0 | 51.001 | 6.23 | 0.0 | 48.88 | 6.97 | 0.0 | 49.114 | 5.618 | 0.0 | 40.558 | 6.517 |
| 121 | 15541 | 15542 | SN | 1 | 0.0 | 52.151 | 3.697 | 0.0 | 49.807 | 6.344 | 0.0 | 42.495 | 1.907 | 0.0 | 50.479 | 4.919 | 0.0 | 52.941 | 3.724 | 0.0 | 49.21 | 5.934 | 0.0 | 44.561 | 1.788 | 0.0 | 49.491 | 4.306 |
| 122 | 15541 | 15542 | SN | 1 | 0.0 | 52.295 | 5.302 | 0.0 | 50.053 | 6.341 | 0.0 | 45.418 | 4.249 | 0.0 | 50.284 | 5.261 | 0.0 | 53.069 | 5.332 | 0.0 | 49.454 | 5.986 | 0.0 | 45.579 | 4.029 | 0.0 | 49.297 | 4.656 |
| 123 | 15541 | 15542 | NS | 1 | 0.0 | 50.305 | 8.246 | 0.0 | 59.519 | 9.771 | 0.0 | 49.982 | 6.351 | 0.0 | 49.077 | 7.361 | 0.0 | 50.787 | 8.469 | 0.0 | 57.276 | 9.144 | 0.0 | 49.221 | 6.152 | 0.0 | 49.771 | 6.659 |
| 124 | 15541 | 15542 | SN | 1 | 0.0 | 43.489 | 0.852 | 0.0 | 55.681 | 1.89 | 0.0 | 48.164 | 0.601 | 0.0 | 40.205 | 1.424 | 0.0 | 46.066 | 0.843 | 0.0 | 56.389 | 1.755 | 0.0 | 46.249 | 0.557 | 0.0 | 42.856 | 1.213 |
| 125 | 15541 | 15542 | SN | 1 | 0.0 | 50.377 | 1.37 | 0.0 | 53.201 | 1.919 | 0.0 | 41.054 | 1.062 | 0.0 | 40.793 | 1.495 | 0.0 | 50.229 | 1.37 | 0.0 | 52.255 | 1.792 | 0.0 | 38.275 | 1.018 | 0.0 | 42.481 | 1.289 |
| 126 | 15541 | 15542 | NS | 1 | 0.0 | 44.705 | 2.09 | 0.0 | 51.563 | 2.472 | 0.0 | 46.524 | 1.673 | 0.0 | 50.197 | 2.237 | 0.0 | 45.37 | 2.065 | 0.0 | 50.391 | 2.316 | 0.0 | 48.364 | 1.622 | 0.0 | 48.652 | 1.939 |
| 127 | 15542 | 15543 | SN | 1 | 0.0 | 47.428 | 4.344 | 0.0 | 47.959 | 4.544 | 0.0 | 46.133 | 3.732 | 0.0 | 43.983 | 5.256 | 0.0 | 48.579 | 4.418 | 0.0 | 48.292 | 4.352 | 0.0 | 46.686 | 3.807 | 0.0 | 43.246 | 5.091 |
| 128 | 15542 | 15543 | SN | 1 | 0.0 | 47.892 | 4.374 | 0.0 | 50.511 | 4.579 | 0.0 | 44.619 | 3.76 | 0.0 | 44.781 | 5.242 | 0.0 | 48.328 | 4.384 | 0.0 | 49.383 | 4.376 | 0.0 | 45.307 | 3.724 | 0.0 | 44.044 | 4.95 |
| 129 | 15542 | 15543 | SN | 1 | 0.0 | 46.475 | 4.283 | 0.0 | 47.959 | 4.548 | 0.0 | 42.324 | 3.703 | 0.0 | 43.983 | 5.171 | 0.0 | 47.998 | 4.333 | 0.0 | 48.292 | 4.356 | 0.0 | 44.264 | 3.724 | 0.0 | 43.246 | 4.993 |
| 130 | 15542 | 15543 | SN | 1 | 0.0 | 36.011 | 1.148 | 0.0 | 41.877 | 1.624 | 0.0 | 36.536 | 1.177 | 0.0 | 39.433 | 1.645 | 0.0 | 37.186 | 1.167 | 0.0 | 43.408 | 1.513 | 0.0 | 37.206 | 1.136 | 0.0 | 42.024 | 1.52 |
| 131 | 15542 | 15543 | NS | 1 | 0.0 | 54.182 | 3.432 | 0.0 | 50.452 | 3.788 | 0.0 | 44.872 | 2.631 | 0.0 | 50.05 | 3.521 | 0.0 | 55.531 | 3.472 | 0.0 | 48.851 | 3.727 | 0.0 | 42.694 | 2.624 | 0.0 | 50.241 | 3.131 |
| 132 | 15542 | 15543 | SN | 1 | 0.0 | 35.833 | 1.127 | 0.0 | 41.877 | 1.607 | 0.0 | 35.261 | 1.119 | 0.0 | 39.433 | 1.627 | 0.0 | 37.546 | 1.13 | 0.0 | 43.408 | 1.496 | 0.0 | 36.154 | 1.089 | 0.0 | 42.024 | 1.52 |
| 133 | 15542 | 15543 | SN | 1 | 0.0 | 42.935 | 1.15 | 0.0 | 41.409 | 1.592 | 0.0 | 42.301 | 1.144 | 0.0 | 39.586 | 1.668 | 0.0 | 41.244 | 1.175 | 0.0 | 42.938 | 1.494 | 0.0 | 46.074 | 1.122 | 0.0 | 39.732 | 1.533 |
| 134 | 15542 | 15543 | NS | 1 | 0.0 | 52.852 | 0.84 | 0.0 | 47.341 | 1.061 | 0.0 | 41.492 | 0.742 | 0.0 | 42.716 | 1.221 | 0.0 | 50.828 | 0.863 | 0.0 | 47.501 | 1.02 | 0.0 | 39.58 | 0.711 | 0.0 | 41.28 | 1.04 |
| 135 | 15543 | 15544 | NS | 1 | 0.0 | 49.564 | 2.665 | 0.0 | 45.65 | 3.719 | 0.0 | 40.633 | 3.066 | 0.0 | 52.866 | 4.162 | 0.0 | 50.763 | 2.706 | 0.0 | 45.993 | 3.486 | 0.0 | 38.445 | 2.888 | 0.0 | 47.197 | 3.58 |
| 136 | 15543 | 15544 | NS | 1 | 0.0 | 46.928 | 2.595 | 0.0 | 45.65 | 3.739 | 0.0 | 40.618 | 3.066 | 0.0 | 53.648 | 4.205 | 0.0 | 48.127 | 2.706 | 0.0 | 45.993 | 3.517 | 0.0 | 38.644 | 2.867 | 0.0 | 47.979 | 3.58 |
| 137 | 15543 | 15544 | SN | 1 | 0.0 | 39.854 | 4.544 | 0.0 | 42.105 | 5.174 | 0.0 | 41.97 | 4.773 | 0.0 | 44.345 | 6.092 | 0.0 | 39.932 | 4.595 | 0.0 | 43.781 | 5.103 | 0.0 | 40.439 | 4.837 | 0.0 | 44.657 | 6.113 |
| 138 | 15543 | 15544 | SN | 1 | 0.0 | 39.854 | 4.583 | 0.0 | 42.105 | 5.213 | 0.0 | 41.97 | 4.681 | 0.0 | 44.345 | 6.129 | 0.0 | 39.932 | 4.634 | 0.0 | 43.781 | 5.151 | 0.0 | 40.439 | 4.71 | 0.0 | 44.657 | 6.137 |
| 139 | 15543 | 15544 | SN | 1 | 0.0 | 39.854 | 4.544 | 0.0 | 42.105 | 5.174 | 0.0 | 41.97 | 4.773 | 0.0 | 44.345 | 6.092 | 0.0 | 39.932 | 4.595 | 0.0 | 43.781 | 5.103 | 0.0 | 40.439 | 4.837 | 0.0 | 44.657 | 6.113 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 15543 | 15544 | SN | 1 | 0.0 | 38.525 | 1.269 | 0.0 | 38.008 | 1.62 | 0.0 | 41.152 | 1.651 | 0.0 | 39.521 | 2.223 | 0.0 | 38.332 | 1.274 | 0.0 | 37.322 | 1.532 | 0.0 | 37.358 | 1.591 | 0.0 | 37.021 | 2.069 |
| 141 | 15543 | 15544 | SN | 1 | 0.0 | 38.525 | 1.281 | 0.0 | 38.008 | 1.634 | 0.0 | 41.152 | 1.626 | 0.0 | 39.521 | 2.241 | 0.0 | 38.332 | 1.288 | 0.0 | 37.322 | 1.544 | 0.0 | 37.358 | 1.567 | 0.0 | 37.021 | 2.084 |
| 142 | 15543 | 15544 | NS | 1 | 0.0 | 44.021 | 0.839 | 0.0 | 49.298 | 1.195 | 0.0 | 36.672 | 0.971 | 0.0 | 44.134 | 1.402 | 0.0 | 44.722 | 0.823 | 0.0 | 52.32 | 1.1 | 0.0 | 37.429 | 0.884 | 0.0 | 44.069 | 1.154 |
| 143 | 15543 | 15544 | NS | 1 | 0.0 | 41.401 | 0.807 | 0.0 | 49.298 | 1.192 | 0.0 | 36.774 | 0.982 | 0.0 | 44.134 | 1.425 | 0.0 | 40.096 | 0.823 | 0.0 | 52.32 | 1.098 | 0.0 | 37.18 | 0.895 | 0.0 | 44.069 | 1.199 |
| 144 | 15543 | 15544 | SN | 1 | 0.0 | 38.525 | 1.269 | 0.0 | 38.008 | 1.62 | 0.0 | 41.152 | 1.651 | 0.0 | 39.521 | 2.223 | 0.0 | 38.332 | 1.274 | 0.0 | 37.322 | 1.532 | 0.0 | 37.358 | 1.591 | 0.0 | 37.021 | 2.069 |
| 145 | 15544 | 15545 | SN | 1 | 0.0 | 44.305 | 4.829 | 0.0 | 43.822 | 6.228 | 0.0 | 42.724 | 4.884 | 0.0 | 40.72 | 6.676 | 0.0 | 43.733 | 4.95 | 0.0 | 43.095 | 5.752 | 0.0 | 42.304 | 5.018 | 0.0 | 40.568 | 6.277 |
| 146 | 15544 | 15545 | SN | 1 | 0.0 | 43.124 | 1.482 | 0.0 | 43.604 | 1.824 | 0.0 | 37.286 | 1.718 | 0.0 | 38.248 | 2.312 | 0.0 | 42.18 | 1.457 | 0.0 | 43.874 | 1.681 | 0.0 | 36.167 | 1.666 | 0.0 | 36.963 | 2.042 |
| 147 | 15544 | 15545 | SN | 1 | 0.0 | 43.386 | 1.473 | 0.0 | 43.573 | 1.83 | 0.0 | 37.284 | 1.714 | 0.0 | 39.445 | 2.314 | 0.0 | 42.442 | 1.448 | 0.0 | 43.841 | 1.686 | 0.0 | 36.009 | 1.675 | 0.0 | 36.963 | 2.044 |
| 148 | 15544 | 15545 | NS | 1 | 0.0 | 55.543 | 4.011 | 0.0 | 48.574 | 5.034 | 0.0 | 39.461 | 3.165 | 0.0 | 47.843 | 4.199 | 0.0 | 56.014 | 4.062 | 0.0 | 48.545 | 4.619 | 0.0 | 39.85 | 3.044 | 0.0 | 43.361 | 3.645 |
| 149 | 15544 | 15545 | NS | 1 | 0.0 | 51.922 | 3.76 | 0.0 | 44.957 | 4.901 | 0.0 | 49.419 | 3.351 | 0.0 | 45.77 | 4.041 | 0.0 | 52.467 | 3.841 | 0.0 | 44.688 | 4.598 | 0.0 | 50.86 | 3.137 | 0.0 | 44.749 | 3.48 |
| 150 | 15544 | 15545 | NS | 1 | 0.0 | 45.462 | 1.037 | 0.0 | 44.09 | 1.374 | 0.0 | 41.978 | 0.852 | 0.0 | 43.901 | 1.151 | 0.0 | 44.914 | 1.05 | 0.0 | 43.134 | 1.218 | 0.0 | 43.188 | 0.839 | 0.0 | 41.955 | 0.975 |
| 151 | 15544 | 15545 | SN | 1 | 0.0 | 47.544 | 4.806 | 0.0 | 42.329 | 6.229 | 0.0 | 42.724 | 4.864 | 0.0 | 41.375 | 6.797 | 0.0 | 46.817 | 4.888 | 0.0 | 41.604 | 5.793 | 0.0 | 42.304 | 5.009 | 0.0 | 41.22 | 6.367 |
| 152 | 15544 | 15545 | NS | 1 | 0.0 | 50.807 | 1.013 | 0.0 | 41.232 | 1.369 | 0.0 | 41.059 | 0.856 | 0.0 | 48.908 | 1.191 | 0.0 | 50.972 | 1.01 | 0.0 | 41.117 | 1.247 | 0.0 | 39.081 | 0.774 | 0.0 | 49.305 | 1.002 |
| 153 | 15544 | 15545 | SN | 1 | 0.0 | 44.305 | 4.819 | 0.0 | 43.822 | 6.239 | 0.0 | 42.724 | 4.855 | 0.0 | 40.72 | 6.647 | 0.0 | 43.733 | 4.95 | 0.0 | 43.095 | 5.773 | 0.0 | 42.304 | 4.983 | 0.0 | 40.568 | 6.277 |
| 154 | 15544 | 15545 | SN | 1 | 0.0 | 38.251 | 1.451 | 0.0 | 46.494 | 1.824 | 0.0 | 37.286 | 1.678 | 0.0 | 36.385 | 2.34 | 0.0 | 38.683 | 1.446 | 0.0 | 46.762 | 1.679 | 0.0 | 39.58 | 1.641 | 0.0 | 36.963 | 2.062 |
| 155 | 15545 | 15546 | NS | 1 | 0.0 | 47.009 | 4.316 | 0.0 | 51.439 | 5.445 | 0.0 | 46.494 | 3.799 | 0.0 | 48.172 | 4.99 | 0.0 | 46.896 | 4.356 | 0.0 | 53.716 | 5.334 | 0.0 | 47.579 | 3.564 | 0.0 | 48.378 | 4.628 |
| 156 | 15545 | 15546 | NS | 1 | 0.0 | 47.044 | 4.253 | 0.0 | 51.034 | 5.274 | 0.0 | 42.426 | 3.819 | 0.0 | 46.659 | 5.02 | 0.0 | 48.184 | 4.415 | 0.0 | 53.716 | 4.88 | 0.0 | 43.959 | 3.79 | 0.0 | 45.705 | 4.622 |
| 157 | 15545 | 15546 | SN | 1 | 0.0 | 49.543 | 6.99 | 0.0 | 50.013 | 8.852 | 0.0 | 44.718 | 6.476 | 0.0 | 43.919 | 8.252 | 0.0 | 51.485 | 7.061 | 0.0 | 46.692 | 8.974 | 0.0 | 44.683 | 6.759 | 0.0 | 42.701 | 8.587 |
| 158 | 15545 | 15546 | SN | 1 | 0.0 | 44.305 | 1.858 | 0.0 | 44.546 | 2.615 | 0.0 | 43.905 | 2.122 | 0.0 | 43.426 | 3.07 | 0.0 | 46.351 | 1.856 | 0.0 | 45.398 | 2.573 | 0.0 | 44.301 | 2.166 | 0.0 | 43.657 | 2.978 |
| 159 | 15545 | 15546 | SN | 1 | 0.0 | 46.882 | 1.836 | 0.0 | 44.278 | 2.564 | 0.0 | 40.185 | 2.121 | 0.0 | 43.415 | 3.003 | 0.0 | 48.928 | 1.829 | 0.0 | 44.058 | 2.503 | 0.0 | 40.581 | 2.141 | 0.0 | 43.576 | 2.889 |
| 160 | 15545 | 15546 | SN | 1 | 0.285 | 50.015 | 6.911 | 0.0 | 50.013 | 8.978 | 0.0 | 40.131 | 6.297 | 0.0 | 43.919 | 8.389 | 0.44 | 51.957 | 6.984 | 0.0 | 46.692 | 9.083 | 0.0 | 40.023 | 6.679 | 0.0 | 42.701 | 8.781 |
| 161 | 15545 | 15546 | SN | 1 | 0.0 | 49.683 | 7.091 | 0.0 | 44.979 | 8.782 | 0.0 | 41.198 | 6.525 | 0.0 | 44.999 | 8.231 | 0.0 | 51.626 | 7.303 | 0.0 | 44.916 | 8.933 | 0.0 | 40.655 | 6.93 | 0.0 | 43.781 | 8.587 |
| 162 | 15545 | 15546 | NS | 1 | 0.0 | 43.765 | 1.208 | 0.0 | 43.393 | 1.626 | 0.0 | 45.394 | 1.079 | 0.0 | 43.604 | 1.645 | 0.0 | 44.154 | 1.251 | 0.0 | 42.811 | 1.553 | 0.0 | 45.649 | 1.024 | 0.0 | 44.002 | 1.478 |
| 163 | 15545 | 15546 | NS | 1 | 0.0 | 44.198 | 1.247 | 0.0 | 48.613 | 1.659 | 0.0 | 46.466 | 0.99 | 0.0 | 45.193 | 1.585 | 0.0 | 44.893 | 1.231 | 0.0 | 46.717 | 1.626 | 0.0 | 45.908 | 0.96 | 0.0 | 46.191 | 1.482 |
| 164 | 15545 | 15546 | SN | 1 | 0.0 | 46.588 | 1.82 | 0.0 | 44.987 | 2.619 | 0.0 | 42.544 | 2.171 | 0.0 | 40.997 | 2.969 | 0.0 | 48.634 | 1.788 | 0.0 | 43.045 | 2.551 | 0.0 | 42.938 | 2.148 | 0.0 | 38.652 | 2.85 |
| 165 | 15546 | 15547 | NS | 1 | 0.0 | 50.01 | 3.413 | 0.0 | 51.891 | 4.152 | 0.0 | 47.464 | 4.267 | 0.0 | 49.837 | 5.098 | 0.0 | 51.213 | 3.362 | 0.0 | 54.014 | 3.93 | 0.0 | 48.532 | 3.925 | 0.0 | 48.933 | 4.324 |
| 166 | 15546 | 15547 | NS | 1 | 0.0 | 47.102 | 0.917 | 0.0 | 47.832 | 1.255 | 0.0 | 42.736 | 1.315 | 0.0 | 43.076 | 1.705 | 0.0 | 46.142 | 0.917 | 0.0 | 50.216 | 1.136 | 0.0 | 42.063 | 1.224 | 0.0 | 44.003 | 1.381 |
| 167 | 15546 | 15547 | NS | 1 | 0.0 | 46.726 | 0.954 | 0.0 | 47.692 | 1.267 | 0.0 | 47.238 | 1.18 | 0.0 | 51.015 | 1.643 | 0.0 | 47.582 | 0.942 | 0.0 | 50.49 | 1.158 | 0.0 | 46.739 | 1.127 | 0.0 | 49.978 | 1.386 |
| 168 | 15546 | 15547 | SN | 1 | 0.0 | 45.609 | 2.95 | 0.0 | 43.427 | 3.807 | 0.0 | 39.676 | 2.7 | 0.0 | 47.1 | 3.385 | 0.0 | 46.932 | 2.963 | 0.0 | 45.556 | 3.82 | 0.0 | 37.288 | 2.792 | 0.0 | 44.922 | 3.481 |
| 169 | 15546 | 15547 | SN | 1 | 0.0 | 47.391 | 3.033 | 0.0 | 44.335 | 3.895 | 0.0 | 42.706 | 2.702 | 0.0 | 46.975 | 3.468 | 0.0 | 48.713 | 3.088 | 0.0 | 46.102 | 3.926 | 0.0 | 41.825 | 2.872 | 0.0 | 44.778 | 3.573 |
| 170 | 15546 | 15547 | SN | 1 | 0.0 | 51.402 | 11.161 | 0.0 | 50.731 | 12.893 | 0.0 | 45.319 | 8.995 | 0.0 | 46.149 | 10.768 | 0.0 | 51.266 | 11.161 | 0.0 | 52.758 | 12.947 | 0.0 | 45.573 | 9.594 | 0.0 | 47.872 | 11.378 |
| 171 | 15546 | 15547 | NS | 1 | 0.0 | 48.505 | 3.576 | 0.0 | 48.84 | 4.233 | 0.0 | 44.305 | 4.374 | 0.0 | 44.195 | 5.218 | 0.0 | 48.857 | 3.698 | 0.0 | 50.326 | 3.92 | 0.0 | 43.324 | 4.012 | 0.0 | 42.841 | 4.366 |
| 172 | 15546 | 15547 | SN | 1 | 0.0 | 49.909 | 10.972 | 0.0 | 47.976 | 12.319 | 0.0 | 45.941 | 8.901 | 0.0 | 46.388 | 10.466 | 0.0 | 51.009 | 11.194 | 0.0 | 50.456 | 12.319 | 0.0 | 46.194 | 9.377 | 0.0 | 46.645 | 11.015 |
| 173 | 15547 | 15548 | SN | 1 | 0.0 | 43.687 | 5.778 | 0.0 | 52.361 | 7.261 | 0.0 | 50.144 | 5.016 | 0.0 | 52.587 | 6.569 | 0.0 | 44.314 | 5.738 | 0.0 | 50.818 | 6.826 | 0.0 | 46.838 | 4.987 | 0.0 | 54.095 | 5.972 |
| 174 | 15547 | 15548 | SN | 1 | 0.0 | 44.063 | 1.536 | 0.0 | 48.271 | 2.099 | 0.0 | 43.175 | 1.429 | 0.0 | 44.552 | 2.017 | 0.0 | 44.314 | 1.565 | 0.0 | 48.967 | 1.925 | 0.0 | 40.376 | 1.323 | 0.0 | 43.736 | 1.765 |
| 175 | 15547 | 15548 | NS | 1 | 0.0 | 45.148 | 1.499 | 0.0 | 49.4 | 1.992 | 0.0 | 37.621 | 1.518 | 0.0 | 45.227 | 2.08 | 0.0 | 45.453 | 1.521 | 0.0 | 48.38 | 1.942 | 0.0 | 37.997 | 1.475 | 0.0 | 43.754 | 1.899 |

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

Normal
Deviations
Alarming
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 176 | 15547 | 15548 | NS | 1 | 0.0 | 52.876 | 5.168 | 0.0 | 55.397 | 6.278 | 0.0 | 48.455 | 5.314 | 0.0 | 44.578 | 6.165 | 0.0 | 52.498 | 5.188 | 0.0 | 53.574 | 6.39 | 0.0 | 47.676 | 5.265 | 0.0 | 45.175 | 6.03 |
| 177 | 15548 | 15549 | SN | 1 | 0.0 | 45.404 | 0.798 | 0.0 | 45.358 | 1.14 | 0.0 | 43.703 | 0.708 | 0.0 | 44.988 | 1.128 | 0.0 | 46.933 | 0.78 | 0.0 | 47.602 | 1.034 | 0.0 | 40.958 | 0.639 | 0.0 | 42.691 | 0.928 |
| 178 | 15548 | 15549 | NS | 1 | 0.0 | 43.437 | 3.698 | 0.0 | 48.416 | 4.842 | 0.0 | 46.139 | 3.18 | 0.0 | 39.821 | 4.553 | 0.0 | 44.222 | 3.789 | 0.0 | 47.914 | 4.66 | 0.0 | 44.018 | 3.159 | 0.0 | 40.982 | 4.368 |
| 179 | 15548 | 15549 | NS | 1 | 0.0 | 43.437 | 3.779 | 0.0 | 46.627 | 4.811 | 0.0 | 50.691 | 3.215 | 0.0 | 39.413 | 4.517 | 0.0 | 44.134 | 3.82 | 0.0 | 47.919 | 4.65 | 0.0 | 48.568 | 3.208 | 0.0 | 40.984 | 4.34 |
| 180 | 15548 | 15549 | SN | 1 | 0.0 | 53.755 | 2.868 | 0.0 | 51.179 | 3.878 | 0.0 | 46.623 | 2.632 | 0.0 | 44.249 | 3.637 | 0.0 | 55.593 | 2.878 | 0.0 | 53.371 | 3.635 | 0.0 | 45.865 | 2.624 | 0.0 | 43.827 | 3.26 |
| 181 | 15548 | 15549 | SN | 1 | 0.0 | 40.394 | 0.642 | 0.0 | 45.358 | 0.943 | 0.0 | 39.81 | 0.638 | 0.0 | 44.988 | 0.99 | 0.0 | 41.073 | 0.622 | 0.0 | 47.602 | 0.857 | 0.0 | 38.999 | 0.587 | 0.0 | 42.691 | 0.799 |
| 182 | 15548 | 15549 | NS | 1 | 0.0 | 50.415 | 0.983 | 0.0 | 51.571 | 1.434 | 0.0 | 37.348 | 1.017 | 0.0 | 48.274 | 1.633 | 0.0 | 50.559 | 0.963 | 0.0 | 49.44 | 1.323 | 0.0 | 38.167 | 1.022 | 0.0 | 47.94 | 1.472 |
| 183 | 15548 | 15549 | NS | 1 | 0.0 | 50.415 | 0.997 | 0.0 | 45.168 | 1.416 | 0.0 | 50.691 | 1.003 | 0.0 | 47.262 | 1.64 | 0.0 | 50.559 | 0.949 | 0.0 | 45.823 | 1.301 | 0.0 | 48.568 | 1.019 | 0.0 | 46.928 | 1.461 |
| 184 | 15548 | 15549 | SN | 1 | 0.0 | 53.755 | 1.942 | 0.0 | 51.179 | 2.93 | 0.0 | 44.029 | 2.312 | 0.0 | 44.249 | 2.998 | 0.0 | 55.593 | 1.909 | 0.0 | 53.371 | 2.659 | 0.0 | 43.335 | 2.328 | 0.0 | 43.827 | 2.736 |
| 185 | 15549 | 15550 | SN | 1 | 0.0 | 37.878 | 0.674 | 0.0 | 43.564 | 1.118 | 0.0 | 40.454 | 0.708 | 0.0 | 37.099 | 1.157 | 0.0 | 36.832 | 0.683 | 0.0 | 40.641 | 1.018 | 0.0 | 39.241 | 0.694 | 0.0 | 35.633 | 0.995 |
| 186 | 15549 | 15550 | SN | 1 | 0.0 | 44.456 | 2.0 | 0.0 | 44.654 | 3.17 | 0.0 | 40.514 | 2.596 | 0.0 | 44.976 | 3.687 | 0.0 | 45.437 | 1.929 | 0.0 | 46.893 | 2.785 | 0.0 | 39.615 | 2.468 | 0.0 | 44.176 | 3.295 |
| 187 | 15549 | 15550 | NS | 1 | 0.0 | 50.296 | 1.919 | 0.0 | 53.48 | 2.457 | 0.0 | 48.614 | 1.827 | 0.0 | 44.116 | 2.337 | 0.0 | 50.58 | 1.905 | 0.0 | 54.465 | 2.356 | 0.0 | 46.772 | 1.77 | 0.0 | 41.513 | 2.083 |
| 188 | 15549 | 15550 | NS | 1 | 0.0 | 44.75 | 1.975 | 0.0 | 53.471 | 2.45 | 0.0 | 50.008 | 1.795 | 0.0 | 41.948 | 2.328 | 0.0 | 44.856 | 1.971 | 0.0 | 54.457 | 2.362 | 0.0 | 48.165 | 1.734 | 0.0 | 41.474 | 2.085 |
| 189 | 15549 | 15550 | NS | 1 | 0.0 | 49.021 | 7.458 | 0.0 | 55.765 | 8.582 | 0.0 | 45.401 | 6.531 | 0.0 | 47.553 | 7.635 | 0.0 | 51.281 | 7.519 | 0.0 | 55.268 | 8.289 | 0.0 | 46.417 | 6.453 | 0.0 | 45.521 | 7.096 |
| 190 | 15549 | 15550 | NS | 1 | 0.0 | 48.543 | 7.438 | 0.0 | 50.844 | 8.622 | 0.0 | 46.045 | 6.574 | 0.0 | 47.917 | 7.628 | 0.0 | 50.802 | 7.499 | 0.0 | 52.252 | 8.309 | 0.0 | 46.639 | 6.488 | 0.0 | 47.32 | 7.167 |
| 191 | 15549 | 15550 | SN | 1 | 0.0 | 44.456 | 2.0 | 0.0 | 44.654 | 3.17 | 0.0 | 40.514 | 2.596 | 0.0 | 44.976 | 3.687 | 0.0 | 45.437 | 1.929 | 0.0 | 46.893 | 2.785 | 0.0 | 39.615 | 2.468 | 0.0 | 44.176 | 3.295 |
| 192 | 15549 | 15550 | SN | 1 | 0.0 | 37.878 | 0.674 | 0.0 | 43.564 | 1.118 | 0.0 | 40.454 | 0.708 | 0.0 | 37.099 | 1.157 | 0.0 | 36.832 | 0.683 | 0.0 | 40.641 | 1.018 | 0.0 | 39.241 | 0.694 | 0.0 | 35.633 | 0.995 |
| 193 | 15550 | 15551 | NS | 1 | 0.0 | 44.75 | 1.574 | 0.0 | 49.679 | 2.449 | 0.0 | 37.736 | 1.482 | 0.0 | 43.494 | 2.123 | 0.0 | 44.561 | 1.59 | 0.0 | 48.919 | 2.307 | 0.0 | 36.992 | 1.441 | 0.0 | 44.523 | 1.898 |
| 194 | 15550 | 15551 | NS | 1 | 0.0 | 51.657 | 5.886 | 0.0 | 48.828 | 7.73 | 0.0 | 44.306 | 5.14 | 0.0 | 48.209 | 7.048 | 0.0 | 51.901 | 5.957 | 0.0 | 51.124 | 7.458 | 0.0 | 46.197 | 5.29 | 0.0 | 47.846 | 6.608 |
| 195 | 15550 | 15551 | SN | 1 | 0.0 | 51.908 | 0.875 | 0.0 | 38.734 | 1.317 | 0.0 | 41.469 | 1.048 | 0.0 | 40.1 | 1.488 | 0.0 | 52.844 | 0.895 | 0.0 | 39.228 | 1.231 | 0.0 | 39.872 | 1.007 | 0.0 | 41.952 | 1.287 |
| 196 | 15550 | 15551 | SN | 1 | 0.0 | 44.286 | 3.738 | 0.0 | 51.792 | 4.761 | 0.0 | 46.455 | 3.632 | 0.0 | 49.318 | 4.87 | 0.0 | 43.88 | 3.788 | 0.0 | 53.443 | 4.467 | 0.0 | 45.916 | 3.497 | 0.0 | 47.419 | 4.343 |
| 197 | 15550 | 15551 | NS | 1 | 0.0 | 51.657 | 5.886 | 0.0 | 48.828 | 7.73 | 0.0 | 44.306 | 5.14 | 0.0 | 48.209 | 7.048 | 0.0 | 51.901 | 5.957 | 0.0 | 51.124 | 7.458 | 0.0 | 46.197 | 5.29 | 0.0 | 47.846 | 6.608 |
| 198 | 15550 | 15551 | NS | 1 | 0.0 | 44.75 | 1.574 | 0.0 | 49.679 | 2.449 | 0.0 | 37.736 | 1.482 | 0.0 | 43.494 | 2.123 | 0.0 | 44.561 | 1.59 | 0.0 | 48.919 | 2.307 | 0.0 | 36.992 | 1.441 | 0.0 | 44.523 | 1.898 |
| 199 | 15551 | 15552 | NS | 1 | 0.0 | 47.641 | 1.377 | 0.0 | 42.51 | 1.865 | 0.0 | 39.947 | 1.339 | 0.0 | 44.86 | 1.96 | 0.0 | 45.542 | 1.406 | 0.0 | 44.589 | 1.786 | 0.0 | 38.887 | 1.328 | 0.0 | 41.143 | 1.8 |
| 200 | 15551 | 15552 | NS | 1 | 0.0 | 52.853 | 4.463 | 0.0 | 48.011 | 6.013 | 0.0 | 45.604 | 4.413 | 0.0 | 45.805 | 5.874 | 0.0 | 52.731 | 4.596 | 0.0 | 48.551 | 5.82 | 0.0 | 46.06 | 4.313 | 0.0 | 44.856 | 5.482 |
| 201 | 15551 | 15552 | NS | 1 | 0.0 | 52.853 | 4.44 | 0.0 | 48.011 | 5.982 | 0.0 | 45.604 | 4.391 | 0.0 | 45.805 | 5.844 | 0.0 | 52.731 | 4.572 | 0.0 | 48.551 | 5.79 | 0.0 | 46.06 | 4.291 | 0.0 | 44.856 | 5.454 |
| 202 | 15551 | 15552 | SN | 1 | 0.0 | 50.072 | 3.525 | 0.0 | 45.785 | 3.98 | 0.0 | 45.838 | 3.879 | 0.0 | 44.625 | 4.313 | 0.0 | 51.865 | 3.666 | 0.0 | 46.018 | 3.696 | 0.0 | 47.778 | 3.667 | 0.0 | 45.019 | 3.943 |
| 203 | 15551 | 15552 | NS | 1 | 0.0 | 47.641 | 1.37 | 0.0 | 42.51 | 1.856 | 0.0 | 39.947 | 1.332 | 0.0 | 44.86 | 1.95 | 0.0 | 45.542 | 1.399 | 0.0 | 44.589 | 1.777 | 0.0 | 38.887 | 1.321 | 0.0 | 41.143 | 1.79 |
| 204 | 15551 | 15552 | SN | 1 | 0.0 | 48.09 | 1.026 | 0.0 | 47.106 | 1.289 | 0.0 | 43.073 | 1.041 | 0.0 | 43.361 | 1.331 | 0.0 | 47.047 | 1.032 | 0.0 | 45.456 | 1.194 | 0.0 | 41.799 | 1.014 | 0.0 | 43.715 | 1.292 |
| 205 | 15552 | 15553 | NS | 1 | 0.0 | 50.955 | 5.42 | 0.0 | 51.65 | 6.964 | 0.0 | 43.893 | 5.286 | 0.0 | 44.068 | 6.478 | 0.0 | 49.919 | 5.289 | 0.0 | 52.059 | 6.388 | 0.0 | 42.332 | 5.129 | 0.0 | 46.322 | 5.959 |
| 206 | 15552 | 15553 | NS | 1 | 0.0 | 43.919 | 1.371 | 0.0 | 49.855 | 2.231 | 0.0 | 37.102 | 1.794 | 0.0 | 47.598 | 2.396 | 0.0 | 45.024 | 1.374 | 0.0 | 52.31 | 2.031 | 0.0 | 35.201 | 1.701 | 0.0 | 47.92 | 2.133 |
| 207 | 15552 | 15553 | SN | 1 | 0.0 | 52.024 | 0.857 | 0.0 | 43.025 | 1.264 | 0.0 | 44.119 | 0.761 | 0.0 | 42.167 | 1.141 | 0.0 | 52.153 | 0.866 | 0.0 | 45.912 | 1.224 | 0.0 | 44.751 | 0.72 | 0.0 | 40.764 | 1.05 |
| 208 | 15552 | 15553 | NS | 1 | 0.0 | 43.919 | 1.327 | 0.0 | 49.855 | 2.164 | 0.0 | 37.102 | 1.745 | 0.0 | 47.598 | 2.317 | 0.0 | 45.024 | 1.329 | 0.0 | 52.31 | 1.969 | 0.0 | 35.201 | 1.651 | 0.0 | 47.92 | 2.066 |
| 209 | 15552 | 15553 | NS | 1 | 0.0 | 50.955 | 5.569 | 0.0 | 51.65 | 7.201 | 0.0 | 43.893 | 5.396 | 0.0 | 44.068 | 6.734 | 0.0 | 49.919 | 5.412 | 0.0 | 52.059 | 6.585 | 0.0 | 42.332 | 5.228 | 0.0 | 46.322 | 6.111 |
| 210 | 15552 | 15553 | NS | 1 | 0.0 | 43.919 | 1.331 | 0.0 | 49.855 | 2.161 | 0.0 | 36.187 | 1.709 | 0.0 | 47.598 | 2.333 | 0.0 | 45.024 | 1.34 | 0.0 | 52.31 | 1.985 | 0.0 | 35.036 | 1.628 | 0.0 | 47.92 | 2.09 |
| 211 | 15552 | 15553 | SN | 1 | 0.0 | 45.808 | 3.514 | 0.0 | 56.238 | 5.458 | 0.0 | 47.343 | 2.773 | 0.0 | 41.243 | 4.142 | 0.0 | 45.306 | 3.595 | 0.0 | 55.12 | 4.972 | 0.0 | 46.153 | 2.681 | 0.0 | 42.741 | 3.552 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 212 | 15552 | 15553 | NS | 1 | 0.0 | 50.955 | 5.38 | 0.0 | 51.65 | 6.974 | 0.0 | 43.893 | 5.222 | 0.0 | 44.068 | 6.535 | 0.0 | 49.919 | 5.228 | 0.0 | 52.059 | 6.378 | 0.0 | 42.332 | 5.101 | 0.0 | 46.322 | 5.924 |
| 213 | 15552 | 15553 | SN | 1 | 0.0 | 45.808 | 3.514 | 0.0 | 56.238 | 5.458 | 0.0 | 47.343 | 2.773 | 0.0 | 41.243 | 4.142 | 0.0 | 45.306 | 3.595 | 0.0 | 55.12 | 4.972 | 0.0 | 46.153 | 2.681 | 0.0 | 42.741 | 3.552 |
| 214 | 15552 | 15553 | SN | 1 | 0.0 | 52.024 | 0.857 | 0.0 | 43.025 | 1.264 | 0.0 | 44.119 | 0.761 | 0.0 | 42.167 | 1.141 | 0.0 | 52.153 | 0.866 | 0.0 | 45.912 | 1.224 | 0.0 | 44.751 | 0.72 | 0.0 | 40.764 | 1.05 |
| 215 | 15553 | 15554 | NS | 1 | 0.0 | 48.613 | 2.023 | 0.0 | 50.18 | 2.645 | 0.0 | 44.241 | 1.99 | 0.0 | 40.808 | 3.016 | 0.0 | 49.784 | 2.008 | 0.0 | 50.878 | 2.448 | 0.0 | 45.982 | 1.998 | 0.0 | 39.101 | 2.714 |
| 216 | 15553 | 15554 | SN | 1 | 0.0 | 49.165 | 3.787 | 0.0 | 53.853 | 4.496 | 0.0 | 42.112 | 4.029 | 0.0 | 43.335 | 5.189 | 0.0 | 49.512 | 3.968 | 0.0 | 51.47 | 4.293 | 0.0 | 43.424 | 3.923 | 0.0 | 47.511 | 4.441 |
| 217 | 15553 | 15554 | SN | 1 | 0.0 | 49.165 | 3.787 | 0.0 | 53.853 | 4.496 | 0.0 | 42.112 | 4.029 | 0.0 | 43.335 | 5.189 | 0.0 | 49.512 | 3.968 | 0.0 | 51.47 | 4.293 | 0.0 | 43.424 | 3.923 | 0.0 | 47.511 | 4.441 |
| 218 | 15553 | 15554 | NS | 1 | 0.0 | 47.34 | 6.18 | 0.0 | 48.062 | 8.004 | 0.0 | 46.167 | 6.182 | 0.0 | 40.083 | 7.92 | 0.0 | 48.61 | 6.17 | 0.0 | 47.703 | 7.337 | 0.0 | 46.278 | 6.232 | 0.0 | 41.914 | 7.451 |
| 219 | 15553 | 15554 | NS | 1 | 0.0 | 47.34 | 6.241 | 0.0 | 49.826 | 8.034 | 0.0 | 40.073 | 6.21 | 0.0 | 40.083 | 7.92 | 0.0 | 48.61 | 6.18 | 0.0 | 48.477 | 7.357 | 0.0 | 40.183 | 6.253 | 0.0 | 39.651 | 7.529 |
| 220 | 15553 | 15554 | NS | 1 | 0.0 | 47.34 | 6.678 | 0.0 | 49.826 | 8.648 | 0.0 | 40.073 | 6.669 | 0.0 | 40.083 | 8.515 | 0.0 | 48.61 | 6.624 | 0.0 | 48.477 | 7.919 | 0.0 | 40.183 | 6.684 | 0.0 | 39.651 | 8.087 |
| 221 | 15553 | 15554 | NS | 1 | 0.0 | 48.613 | 1.887 | 0.0 | 50.18 | 2.464 | 0.0 | 44.241 | 1.866 | 0.0 | 40.808 | 2.807 | 0.0 | 49.784 | 1.871 | 0.0 | 50.878 | 2.281 | 0.0 | 45.982 | 1.86 | 0.0 | 39.101 | 2.525 |
| 222 | 15553 | 15554 | NS | 1 | 0.0 | 47.996 | 1.871 | 0.0 | 50.18 | 2.457 | 0.0 | 44.241 | 1.855 | 0.0 | 41.396 | 2.798 | 0.0 | 49.168 | 1.867 | 0.0 | 50.878 | 2.258 | 0.0 | 45.982 | 1.848 | 0.0 | 40.335 | 2.527 |
| 223 | 15553 | 15554 | SN | 1 | 0.0 | 38.313 | 1.199 | 0.0 | 44.094 | 1.41 | 0.0 | 37.951 | 1.368 | 0.0 | 46.313 | 1.754 | 0.0 | 37.434 | 1.154 | 0.0 | 45.708 | 1.256 | 0.0 | 39.101 | 1.232 | 0.0 | 44.194 | 1.461 |
| 224 | 15553 | 15554 | SN | 1 | 0.0 | 38.313 | 1.199 | 0.0 | 44.094 | 1.41 | 0.0 | 37.951 | 1.368 | 0.0 | 46.313 | 1.754 | 0.0 | 37.434 | 1.154 | 0.0 | 45.708 | 1.256 | 0.0 | 39.101 | 1.232 | 0.0 | 44.194 | 1.461 |
| 225 | 15554 | 15555 | SN | 1 | 0.0 | 50.864 | 1.488 | 0.0 | 44.329 | 1.934 | 0.0 | 42.448 | 1.643 | 0.0 | 45.421 | 2.32 | 0.0 | 51.305 | 1.55 | 0.0 | 44.152 | 1.934 | 0.0 | 42.212 | 1.62 | 0.0 | 45.547 | 2.215 |
| 226 | 15554 | 15555 | NS | 1 | 0.0 | 45.434 | 2.549 | 0.0 | 49.628 | 2.959 | 0.0 | 39.886 | 2.403 | 0.0 | 45.879 | 3.0 | 0.0 | 47.773 | 2.642 | 0.0 | 52.396 | 3.011 | 0.0 | 39.795 | 2.462 | 0.0 | 46.098 | 3.142 |
| 227 | 15554 | 15555 | NS | 1 | 0.0 | 53.959 | 8.874 | 0.0 | 50.542 | 10.302 | 0.0 | 44.9 | 7.81 | 0.0 | 47.023 | 9.299 | 0.0 | 52.968 | 9.177 | 0.0 | 50.182 | 10.302 | 0.0 | 45.445 | 8.422 | 0.0 | 46.095 | 9.689 |
| 228 | 15554 | 15555 | NS | 1 | 0.0 | 45.434 | 2.92 | 0.0 | 49.628 | 3.356 | 0.0 | 39.886 | 2.747 | 0.0 | 45.879 | 3.405 | 0.0 | 47.773 | 3.018 | 0.0 | 52.396 | 3.412 | 0.0 | 39.795 | 2.822 | 0.0 | 46.098 | 3.57 |
| 229 | 15554 | 15555 | SN | 1 | 0.0 | 51.065 | 6.938 | 0.0 | 47.244 | 8.325 | 0.0 | 45.66 | 5.795 | 0.0 | 45.66 | 7.455 | 0.0 | 51.532 | 7.009 | 0.0 | 48.933 | 8.163 | 0.0 | 47.003 | 5.929 | 0.0 | 41.866 | 7.056 |
| 230 | 15554 | 15555 | SN | 1 | 0.0 | 42.358 | 5.617 | 0.0 | 45.589 | 7.225 | 0.0 | 41.279 | 5.19 | 0.0 | 44.331 | 7.051 | 0.0 | 43.008 | 5.617 | 0.0 | 47.019 | 7.148 | 0.0 | 43.183 | 5.284 | 0.0 | 45.613 | 6.615 |
| 231 | 15554 | 15555 | SN | 1 | 0.0 | 50.864 | 1.712 | 0.0 | 45.739 | 2.157 | 0.0 | 42.448 | 1.717 | 0.0 | 42.386 | 2.359 | 0.0 | 51.305 | 1.754 | 0.0 | 44.152 | 2.094 | 0.0 | 42.212 | 1.691 | 0.0 | 41.236 | 2.237 |
| 232 | 15554 | 15555 | SN | 1 | 0.0 | 52.722 | 6.858 | 0.0 | 48.82 | 8.376 | 0.0 | 41.851 | 5.908 | 0.0 | 42.615 | 7.64 | 0.0 | 53.265 | 6.939 | 0.0 | 50.422 | 8.213 | 0.0 | 43.616 | 6.022 | 0.0 | 43.092 | 7.056 |
| 233 | 15554 | 15555 | NS | 1 | 0.0 | 53.959 | 8.863 | 0.0 | 50.542 | 10.302 | 0.0 | 44.9 | 7.818 | 0.0 | 47.023 | 9.292 | 0.0 | 52.968 | 9.177 | 0.0 | 50.182 | 10.302 | 0.0 | 45.445 | 8.422 | 0.0 | 46.095 | 9.682 |
| 234 | 15554 | 15555 | NS | 1 | 0.0 | 45.434 | 2.551 | 0.0 | 49.628 | 2.959 | 0.0 | 39.886 | 2.402 | 0.0 | 45.879 | 2.999 | 0.0 | 47.773 | 2.642 | 0.0 | 52.396 | 3.011 | 0.0 | 39.795 | 2.46 | 0.0 | 46.098 | 3.14 |
| 235 | 15554 | 15555 | SN | 1 | 0.0 | 48.359 | 1.684 | 0.0 | 48.211 | 2.166 | 0.0 | 48.294 | 1.712 | 0.0 | 40.81 | 2.308 | 0.0 | 48.799 | 1.748 | 0.0 | 46.809 | 2.105 | 0.0 | 45.013 | 1.668 | 0.0 | 39.61 | 2.21 |
| 236 | 15554 | 15555 | NS | 1 | 0.0 | 53.959 | 10.103 | 0.0 | 50.542 | 11.688 | 0.0 | 44.9 | 8.884 | 0.0 | 47.023 | 10.552 | 0.0 | 52.968 | 10.449 | 0.0 | 50.182 | 11.722 | 0.0 | 45.445 | 9.572 | 0.0 | 46.095 | 11.004 |
| 237 | 15555 | 15556 | NS | 1 | 0.0 | 52.429 | 8.306 | 0.0 | 50.814 | 9.908 | 0.0 | 44.585 | 7.135 | 0.0 | 48.624 | 9.178 | 0.0 | 54.337 | 8.316 | 0.0 | 50.978 | 9.706 | 0.0 | 43.514 | 7.128 | 0.0 | 46.972 | 8.56 |
| 238 | 15555 | 15556 | NS | 1 | 0.0 | 53.173 | 8.277 | 0.0 | 51.64 | 9.888 | 0.0 | 45.206 | 7.064 | 0.0 | 50.537 | 9.185 | 0.0 | 55.281 | 8.267 | 0.0 | 50.962 | 9.676 | 0.0 | 44.139 | 7.121 | 0.0 | 54.311 | 8.568 |
| 239 | 15555 | 15556 | NS | 1 | 0.0 | 49.731 | 2.488 | 0.0 | 58.296 | 3.151 | 0.0 | 40.85 | 1.993 | 0.0 | 43.331 | 2.756 | 0.0 | 51.203 | 2.565 | 0.0 | 56.501 | 2.959 | 0.0 | 41.117 | 1.979 | 0.0 | 43.694 | 2.485 |
| 240 | 15555 | 15556 | NS | 1 | 0.0 | 47.88 | 2.497 | 0.0 | 58.124 | 3.14 | 0.0 | 40.927 | 2.013 | 0.0 | 43.567 | 2.756 | 0.0 | 49.351 | 2.569 | 0.0 | 56.331 | 2.955 | 0.0 | 40.884 | 1.993 | 0.0 | 43.927 | 2.47 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 15526 | 15527 | SN | 1 | 0.0 | 23.323 | 6.063 | 0.0 | 25.501 | 7.263 | 0.0 | 134.263 | 2.393 | 0.0 | 206.316 | 3.392 | 0.0 | 1.429 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.129 | 0.0 |
| 2 | 15526 | 15527 | SN | 1 | 0.0 | 30.702 | 13.019 | 0.0 | 26.444 | 13.036 | 0.0 | 138.779 | 10.687 | 0.0 | 87.551 | 12.949 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.125 | 0.0 |
| 3 | 15526 | 15527 | SN | 1 | 0.0 | 30.702 | 13.019 | 0.0 | 26.444 | 13.036 | 0.0 | 138.779 | 10.687 | 0.0 | 87.551 | 12.949 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.125 | 0.0 |
| 4 | 15526 | 15527 | SN | 1 | 0.0 | 30.702 | 13.075 | 0.0 | 25.893 | 12.598 | 0.0 | 138.779 | 10.971 | 0.0 | 87.551 | 12.168 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.125 | 0.0 |
| 5 | 15526 | 15527 | SN | 1 | 0.0 | 23.323 | 6.032 | 0.0 | 26.726 | 7.36 | 0.0 | 134.263 | 2.341 | 0.0 | 206.316 | 3.566 | 0.0 | 1.429 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.129 | 0.0 |
| 6 | 15526 | 15527 | SN | 1 | 0.0 | 23.323 | 6.032 | 0.0 | 26.726 | 7.36 | 0.0 | 134.263 | 2.341 | 0.0 | 206.316 | 3.566 | 0.0 | 1.429 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.129 | 0.0 |
| 7 | 15527 | 15528 | SN | 1 | 0.0 | 23.317 | 6.039 | 0.0 | 141.303 | 7.401 | 0.0 | 154.161 | 2.381 | 0.0 | 156.979 | 3.482 | 0.0 | 1.429 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.128 | 0.0 |
| 8 | 15527 | 15528 | SN | 1 | 0.0 | 23.317 | 6.024 | 0.0 | 141.303 | 7.423 | 0.0 | 154.161 | 2.363 | 0.0 | 156.979 | 3.585 | 0.0 | 1.429 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.128 | 0.0 |
| 9 | 15527 | 15528 | NS | 1 | 0.0 | 26.4 | 9.914 | 0.0 | 112.341 | 14.395 | 0.0 | 138.622 | 10.344 | 0.0 | 76.636 | 12.793 | 0.0 | 1.417 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.159 | 0.0 |
| 10 | 15527 | 15528 | SN | 1 | 0.0 | 29.461 | 13.03 | 0.0 | 69.332 | 12.905 | 0.0 | 159.031 | 10.754 | 0.0 | 105.356 | 12.667 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.125 | 0.0 |
| 11 | 15527 | 15528 | NS | 1 | 0.0 | 25.821 | 5.919 | 0.0 | 112.374 | 7.198 | 0.0 | 348.551 | 2.623 | 0.0 | 76.614 | 3.35 | 0.0 | 1.43 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 12 | 15527 | 15528 | SN | 1 | 0.0 | 23.317 | 6.024 | 0.0 | 141.303 | 7.423 | 0.0 | 154.161 | 2.361 | 0.0 | 156.979 | 3.583 | 0.0 | 1.429 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.128 | 0.0 |
| 13 | 15527 | 15528 | SN | 1 | 0.0 | 29.461 | 13.019 | 0.0 | 69.332 | 13.076 | 0.0 | 159.031 | 10.675 | 0.0 | 105.356 | 12.925 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.125 | 0.0 |
| 14 | 15527 | 15528 | SN | 1 | 0.0 | 29.461 | 13.019 | 0.0 | 69.332 | 13.076 | 0.0 | 159.031 | 10.675 | 0.0 | 105.356 | 12.925 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.125 | 0.0 |
| 15 | 15528 | 15529 | SN | 1 | 0.0 | 23.317 | 6.066 | 0.0 | 25.882 | 7.438 | 0.0 | 133.43 | 2.399 | 0.0 | 13.837 | 3.51 | 0.0 | 1.429 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.127 | 0.0 |
| 16 | 15528 | 15529 | SN | 1 | 0.0 | 23.312 | 6.069 | 0.0 | 25.882 | 7.438 | 0.0 | 133.413 | 2.399 | 0.0 | 108.825 | 3.515 | 0.0 | 1.429 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.127 | 0.0 |
| 17 | 15528 | 15529 | NS | 1 | 0.0 | 25.832 | 5.93 | 0.0 | 24.591 | 7.178 | 0.0 | 348.865 | 2.605 | 0.0 | 66.334 | 3.304 | 0.0 | 1.441 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 18 | 15528 | 15529 | NS | 1 | 0.0 | 25.7 | 5.912 | 0.0 | 24.591 | 7.168 | 0.0 | 340.984 | 2.61 | 0.0 | 66.334 | 3.317 | 0.0 | 1.441 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 19 | 15528 | 15529 | SN | 1 | 0.0 | 30.481 | 13.025 | 0.0 | 25.992 | 12.936 | 0.0 | 131.687 | 10.71 | 0.0 | 20.472 | 12.674 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.131 | 0.0 |
| 20 | 15528 | 15529 | SN | 1 | 0.0 | 30.481 | 13.025 | 0.0 | 25.992 | 12.936 | 0.0 | 131.687 | 10.724 | 0.0 | 280.226 | 12.681 | 0.0 | 1.435 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.131 | 0.0 |
| 21 | 15528 | 15529 | SN | 1 | 0.0 | 23.312 | 6.051 | 0.0 | 26.455 | 7.453 | 0.0 | 133.413 | 2.386 | 0.0 | 108.825 | 3.606 | 0.0 | 1.429 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.127 | 0.0 |
| 22 | 15528 | 15529 | NS | 1 | 0.0 | 25.308 | 9.851 | 0.0 | 36.432 | 14.341 | 0.0 | 188.585 | 10.243 | 0.0 | 80.53 | 12.719 | 0.0 | 1.422 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.158 | 0.0 |
| 23 | 15528 | 15529 | NS | 1 | 0.0 | 26.014 | 9.881 | 0.0 | 31.353 | 14.323 | 0.0 | 205.497 | 10.223 | 0.0 | 85.929 | 12.686 | 0.0 | 1.418 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.158 | 0.0 |
| 24 | 15528 | 15529 | SN | 1 | 0.0 | 30.481 | 12.996 | 0.0 | 25.992 | 13.106 | 0.0 | 131.687 | 10.662 | 0.0 | 280.226 | 12.953 | 0.0 | 1.435 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.131 | 0.0 |
| 25 | 15529 | 15530 | SN | 1 | 0.0 | 23.334 | 6.085 | 0.0 | 138.465 | 7.439 | 0.0 | 177.82 | 2.424 | 0.0 | 13.087 | 3.503 | 0.0 | 1.431 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.128 | 0.0 |
| 26 | 15529 | 15530 | SN | 1 | 0.0 | 30.432 | 13.035 | 0.0 | 78.421 | 13.144 | 0.0 | 180.682 | 10.61 | 0.0 | 81.462 | 12.923 | 0.0 | 1.432 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.131 | 0.0 |
| 27 | 15529 | 15530 | SN | 1 | 0.0 | 23.334 | 6.07 | 0.0 | 138.465 | 7.47 | 0.0 | 177.82 | 2.405 | 0.0 | 52.972 | 3.609 | 0.0 | 1.431 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.128 | 0.0 |
| 28 | 15529 | 15530 | SN | 1 | 0.0 | 23.334 | 6.07 | 0.0 | 138.465 | 7.47 | 0.0 | 177.82 | 2.405 | 0.0 | 52.972 | 3.609 | 0.0 | 1.431 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.128 | 0.0 |
| 29 | 15529 | 15530 | SN | 1 | 0.0 | 30.432 | 13.08 | 0.0 | 78.421 | 12.918 | 0.0 | 180.682 | 10.704 | 0.0 | 17.896 | 12.593 | 0.0 | 1.432 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.131 | 0.0 |
| 30 | 15529 | 15530 | NS | 1 | 0.0 | 61.616 | 9.881 | 0.0 | 36.421 | 14.371 | 0.0 | 351.987 | 10.132 | 0.0 | 79.604 | 12.684 | 0.0 | 1.416 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.158 | 0.0 |
| 31 | 15529 | 15530 | NS | 1 | 0.0 | 61.616 | 9.881 | 0.0 | 36.421 | 14.371 | 0.0 | 351.987 | 10.132 | 0.0 | 79.604 | 12.684 | 0.0 | 1.416 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.158 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15529 | 15530 | NS | 1 | 0.0 | 253.889 | 5.922 | 0.0 | 24.586 | 7.188 | 0.0 | 352.726 | 2.583 | 0.0 | 64.476 | 3.301 | 0.0 | 1.44 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 33 | 15529 | 15530 | NS | 1 | 0.0 | 253.889 | 5.922 | 0.0 | 24.586 | 7.188 | 0.0 | 352.726 | 2.583 | 0.0 | 64.476 | 3.301 | 0.0 | 1.44 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 34 | 15529 | 15530 | SN | 1 | 0.0 | 30.432 | 13.035 | 0.0 | 78.421 | 13.144 | 0.0 | 180.682 | 10.61 | 0.0 | 81.462 | 12.923 | 0.0 | 1.432 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.131 | 0.0 |
| 35 | 15530 | 15531 | NS | 1 | 0.0 | 61.468 | 9.61 | 0.0 | 36.382 | 14.327 | 0.0 | 322.559 | 9.765 | 0.0 | 82.951 | 12.606 | 0.0 | 1.423 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.157 | 0.0 |
| 36 | 15530 | 15531 | SN | 1 | 0.0 | 23.328 | 6.073 | 0.0 | 26.671 | 7.445 | 0.0 | 185.216 | 2.417 | 0.0 | 44.92 | 3.621 | 0.0 | 1.43 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.128 | 0.0 |
| 37 | 15530 | 15531 | SN | 1 | 0.0 | 30.355 | 13.054 | 0.0 | 26.009 | 13.136 | 0.0 | 181.537 | 10.583 | 0.0 | 75.131 | 12.958 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.131 | 0.0 |
| 38 | 15530 | 15531 | SN | 1 | 0.0 | 30.36 | 13.054 | 0.0 | 26.009 | 13.136 | 0.0 | 181.543 | 10.583 | 0.0 | 139.317 | 12.937 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.131 | 0.0 |
| 39 | 15530 | 15531 | SN | 1 | 0.0 | 23.328 | 6.082 | 0.0 | 25.485 | 7.384 | 0.0 | 185.232 | 2.452 | 0.0 | 13.048 | 3.508 | 0.0 | 1.43 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.128 | 0.0 |
| 40 | 15530 | 15531 | SN | 1 | 0.0 | 30.36 | 13.091 | 0.0 | 25.948 | 12.783 | 0.0 | 181.543 | 10.728 | 0.0 | 139.317 | 12.411 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.131 | 0.0 |
| 41 | 15530 | 15531 | NS | 1 | 0.0 | 120.439 | 5.837 | 0.0 | 24.586 | 7.139 | 0.0 | 348.292 | 2.555 | 0.0 | 60.169 | 3.266 | 0.0 | 1.447 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 42 | 15530 | 15531 | NS | 1 | 0.0 | 279.437 | 9.876 | 0.0 | 31.386 | 14.313 | 0.0 | 355.318 | 10.113 | 0.0 | 75.456 | 12.737 | 0.0 | 1.422 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.186 | 0.0 |
| 43 | 15530 | 15531 | SN | 1 | 0.0 | 23.328 | 6.075 | 0.0 | 26.671 | 7.449 | 0.0 | 185.232 | 2.421 | 0.0 | 44.92 | 3.625 | 0.0 | 1.43 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.128 | 0.0 |
| 44 | 15530 | 15531 | NS | 1 | 0.0 | 101.953 | 5.918 | 0.0 | 24.591 | 7.216 | 0.0 | 350.001 | 2.59 | 0.0 | 53.65 | 3.265 | 0.0 | 1.443 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.185 | 0.0 |
| 45 | 15531 | 15532 | NS | 1 | 0.0 | 42.005 | 9.909 | 0.0 | 31.397 | 14.312 | 0.0 | 328.355 | 10.171 | 0.0 | 85.648 | 12.681 | 0.0 | 1.422 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.16 | 0.0 |
| 46 | 15531 | 15532 | NS | 1 | 0.0 | 264.229 | 5.908 | 0.0 | 24.591 | 7.231 | 0.0 | 333.859 | 2.584 | 0.0 | 63.654 | 3.27 | 0.0 | 1.45 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 47 | 15531 | 15532 | SN | 1 | 0.0 | 30.018 | 13.124 | 0.0 | 33.848 | 13.017 | 0.0 | 138.382 | 10.557 | 0.0 | 77.331 | 12.907 | 0.0 | 1.437 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.126 | 0.0 |
| 48 | 15531 | 15532 | SN | 1 | 0.0 | 23.306 | 6.049 | 0.0 | 224.044 | 7.45 | 0.0 | 125.775 | 2.435 | 0.0 | 58.167 | 3.632 | 0.0 | 1.43 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.129 | 0.0 |
| 49 | 15531 | 15532 | SN | 1 | 0.0 | 30.018 | 13.169 | 0.0 | 33.848 | 12.597 | 0.0 | 138.382 | 10.778 | 0.0 | 16.104 | 12.162 | 0.0 | 1.437 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.126 | 0.0 |
| 50 | 15531 | 15532 | SN | 1 | 0.0 | 23.317 | 6.045 | 0.0 | 224.044 | 7.452 | 0.0 | 125.775 | 2.433 | 0.0 | 57.825 | 3.633 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.129 | 0.0 |
| 51 | 15531 | 15532 | SN | 1 | 0.0 | 30.018 | 13.133 | 0.0 | 26.02 | 13.027 | 0.0 | 138.382 | 10.564 | 0.0 | 77.331 | 12.914 | 0.0 | 1.437 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.126 | 0.0 |
| 52 | 15531 | 15532 | SN | 1 | 0.0 | 23.317 | 6.064 | 0.0 | 222.98 | 7.364 | 0.0 | 125.775 | 2.484 | 0.0 | 13.065 | 3.486 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.129 | 0.0 |
| 53 | 15531 | 15532 | NS | 1 | 0.0 | 201.783 | 9.914 | 0.0 | 31.237 | 14.336 | 0.0 | 337.559 | 10.189 | 0.0 | 85.615 | 12.651 | 0.0 | 1.425 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.158 | 0.0 |
| 54 | 15531 | 15532 | NS | 1 | 0.0 | 97.293 | 5.922 | 0.0 | 24.591 | 7.215 | 0.0 | 315.698 | 2.576 | 0.0 | 59.943 | 3.286 | 0.0 | 1.447 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 55 | 15532 | 15533 | SN | 1 | 0.0 | 29.467 | 13.102 | 0.0 | 26.025 | 13.136 | 0.0 | 140.042 | 10.603 | 0.0 | 274.076 | 12.957 | 0.0 | 1.438 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.129 | 0.0 |
| 56 | 15532 | 15533 | NS | 1 | 0.0 | 26.257 | 11.903 | 0.0 | 31.27 | 13.154 | 0.0 | 355.77 | 8.878 | 0.0 | 65.662 | 11.858 | 0.0 | 1.416 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.161 | 0.0 |
| 57 | 15532 | 15533 | NS | 1 | 0.0 | 25.81 | 5.645 | 0.0 | 23.086 | 5.791 | 0.0 | 355.77 | 1.863 | 0.0 | 51.653 | 2.842 | 0.0 | 1.422 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.158 | 0.0 |
| 58 | 15532 | 15533 | SN | 1 | 0.0 | 29.467 | 13.137 | 0.0 | 26.025 | 12.751 | 0.0 | 140.042 | 10.747 | 0.0 | 274.076 | 12.417 | 0.0 | 1.438 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.129 | 0.0 |
| 59 | 15532 | 15533 | NS | 1 | 0.0 | 45.116 | 9.875 | 0.0 | 31.27 | 14.328 | 0.0 | 355.764 | 10.189 | 0.0 | 65.667 | 12.701 | 0.0 | 1.416 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.161 | 0.0 |
| 60 | 15532 | 15533 | SN | 1 | 0.0 | 29.467 | 13.102 | 0.0 | 26.025 | 13.136 | 0.0 | 140.042 | 10.603 | 0.0 | 274.076 | 12.957 | 0.0 | 1.438 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.129 | 0.0 |
| 61 | 15532 | 15533 | SN | 1 | 0.0 | 23.328 | 6.078 | 0.0 | 25.468 | 7.376 | 0.0 | 142.419 | 2.45 | 0.0 | 256.58 | 3.495 | 0.0 | 1.43 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.127 | 0.0 |
| 62 | 15532 | 15533 | NS | 1 | 0.0 | 203.539 | 5.927 | 0.0 | 24.586 | 7.199 | 0.0 | 355.764 | 2.538 | 0.0 | 51.659 | 3.27 | 0.0 | 1.448 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 63 | 15532 | 15533 | SN | 1 | 0.0 | 23.328 | 6.062 | 0.0 | 26.444 | 7.449 | 0.0 | 142.419 | 2.422 | 0.0 | 256.58 | 3.621 | 0.0 | 1.43 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.127 | 0.0 |
| 64 | 15532 | 15533 | SN | 1 | 0.0 | 23.328 | 6.062 | 0.0 | 26.444 | 7.449 | 0.0 | 142.419 | 2.422 | 0.0 | 256.58 | 3.621 | 0.0 | 1.43 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.127 | 0.0 |
| 65 | 15533 | 15534 | SN | 1 | 0.0 | 23.323 | 6.04 | 0.0 | 26.593 | 7.413 | 0.0 | 133.11 | 2.385 | 0.0 | 157.288 | 3.592 | 0.0 | 1.43 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.126 | 0.0 |
| 66 | 15533 | 15534 | NS | 1 | 0.0 | 25.843 | 5.921 | 0.0 | 24.591 | 7.206 | 0.0 | 328.195 | 2.602 | 0.0 | 63.494 | 3.295 | 0.0 | 1.449 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 67 | 15533 | 15534 | SN | 1 | 0.0 | 23.323 | 6.1 | 0.0 | 25.474 | 7.302 | 0.0 | 133.11 | 2.458 | 0.0 | 157.288 | 3.292 | 0.0 | 1.43 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.126 | 0.0 |
| 68 | 15533 | 15534 | SN | 1 | 0.0 | 29.467 | 13.091 | 0.0 | 27.156 | 13.105 | 0.0 | 135.3 | 10.584 | 0.0 | 225.053 | 12.957 | 0.0 | 1.438 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.128 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 15533 | 15534 | NS | 1 | 0.281 | 24.602 | 9.936 | 0.0 | 31.331 | 14.345 | 0.0 | 357.783 | 10.253 | 0.0 | 83.646 | 12.615 | 0.0 | 1.418 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.158 | 0.0 |
| 70 | 15533 | 15534 | SN | 1 | 0.0 | 29.467 | 13.22 | 0.0 | 25.628 | 12.312 | 0.0 | 135.3 | 10.893 | 0.0 | 225.053 | 11.869 | 0.0 | 1.438 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.128 | 0.0 |
| 71 | 15534 | 15535 | SN | 1 | 0.0 | 30.371 | 13.058 | 0.0 | 97.949 | 13.085 | 0.0 | 157.608 | 10.639 | 0.0 | 262.583 | 12.931 | 0.0 | 1.433 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.129 | 0.0 |
| 72 | 15534 | 15535 | NS | 1 | 0.0 | 255.083 | 5.924 | 0.0 | 24.591 | 7.166 | 0.0 | 352.775 | 2.597 | 0.0 | 66.037 | 3.28 | 0.0 | 1.44 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.159 | 0.0 |
| 73 | 15534 | 15535 | NS | 1 | 0.0 | 79.855 | 9.871 | 0.0 | 31.386 | 14.364 | 0.0 | 352.29 | 10.174 | 0.0 | 81.666 | 12.662 | 0.0 | 1.414 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.159 | 0.0 |
| 74 | 15534 | 15535 | NS | 1 | 0.0 | 255.083 | 5.924 | 0.0 | 24.591 | 7.175 | 0.0 | 352.77 | 2.597 | 0.0 | 66.015 | 3.287 | 0.0 | 1.437 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 75 | 15534 | 15535 | NS | 1 | 0.0 | 79.855 | 9.881 | 0.0 | 31.38 | 14.354 | 0.0 | 352.285 | 10.159 | 0.0 | 81.639 | 12.67 | 0.0 | 1.414 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.159 | 0.0 |
| 76 | 15534 | 15535 | SN | 1 | 0.0 | 23.312 | 6.045 | 0.0 | 162.221 | 7.431 | 0.0 | 138.278 | 2.339 | 0.0 | 223.763 | 3.556 | 0.0 | 1.43 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.128 | 0.0 |
| 77 | 15535 | 15536 | NS | 1 | 0.0 | 25.854 | 5.941 | 0.0 | 24.591 | 7.187 | 0.0 | 352.753 | 2.609 | 0.0 | 54.218 | 3.285 | 0.0 | 1.443 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 78 | 15535 | 15536 | SN | 1 | 0.0 | 23.339 | 6.061 | 0.0 | 26.704 | 7.421 | 0.0 | 129.36 | 2.38 | 0.0 | 100.789 | 3.55 | 0.0 | 1.431 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.128 | 0.0 |
| 79 | 15535 | 15536 | NS | 1 | 0.0 | 25.854 | 5.941 | 0.0 | 24.591 | 7.187 | 0.0 | 352.753 | 2.609 | 0.0 | 54.218 | 3.286 | 0.0 | 1.443 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 80 | 15535 | 15536 | NS | 1 | 0.0 | 24.597 | 9.918 | 0.0 | 31.402 | 14.316 | 0.0 | 218.195 | 10.184 | 0.0 | 75.892 | 12.717 | 0.0 | 1.42 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.159 | 0.0 |
| 81 | 15535 | 15536 | SN | 1 | 0.0 | 30.796 | 13.053 | 0.0 | 26.439 | 12.975 | 0.0 | 149.451 | 10.608 | 0.0 | 192.934 | 12.95 | 0.0 | 1.438 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.125 | 0.0 |
| 82 | 15535 | 15536 | NS | 1 | 0.0 | 24.597 | 9.918 | 0.0 | 31.402 | 14.316 | 0.0 | 218.195 | 10.184 | 0.0 | 75.892 | 12.717 | 0.0 | 1.42 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.159 | 0.0 |
| 83 | 15536 | 15537 | NS | 1 | 0.0 | 80.671 | 5.927 | 0.0 | 24.586 | 7.208 | 0.0 | 131.569 | 2.597 | 0.0 | 50.054 | 3.292 | 0.0 | 1.445 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.157 | 0.0 |
| 84 | 15536 | 15537 | SN | 1 | 0.0 | 23.323 | 6.048 | 0.0 | 26.555 | 7.436 | 0.0 | 130.215 | 2.381 | 0.0 | 145.345 | 3.616 | 0.0 | 1.43 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.128 | 0.0 |
| 85 | 15536 | 15537 | NS | 1 | 0.0 | 211.31 | 9.914 | 0.0 | 31.248 | 14.336 | 0.0 | 136.742 | 10.14 | 0.0 | 76.62 | 12.638 | 0.0 | 1.409 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.16 | 0.0 |
| 86 | 15536 | 15537 | SN | 1 | 0.0 | 29.45 | 13.071 | 0.0 | 26.025 | 13.11 | 0.0 | 137.974 | 10.631 | 0.0 | 77.403 | 12.933 | 0.0 | 1.435 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.126 | 0.0 |
| 87 | 15537 | 15538 | NS | 1 | 0.0 | 122.634 | 5.996 | 0.0 | 24.591 | 7.232 | 0.0 | 129.831 | 2.64 | 0.0 | 12.927 | 3.205 | 0.0 | 1.448 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.157 | 0.0 |
| 88 | 15537 | 15538 | NS | 1 | 0.0 | 200.219 | 9.979 | 0.0 | 29.886 | 14.078 | 0.0 | 136.935 | 10.34 | 0.0 | 16.887 | 12.469 | 0.0 | 1.416 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.158 | 0.0 |
| 89 | 15537 | 15538 | NS | 1 | 0.0 | 122.634 | 5.928 | 0.0 | 24.591 | 7.199 | 0.0 | 129.876 | 2.591 | 0.0 | 54.372 | 3.288 | 0.0 | 1.447 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 90 | 15537 | 15538 | NS | 1 | 0.237 | 200.214 | 9.955 | 0.0 | 31.281 | 14.345 | 0.0 | 136.957 | 10.197 | 0.0 | 83.227 | 12.729 | 0.0 | 1.416 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.159 | 0.0 |
| 91 | 15537 | 15538 | SN | 1 | 0.0 | 23.323 | 6.038 | 0.0 | 67.981 | 7.451 | 0.0 | 142.712 | 2.425 | 0.0 | 54.549 | 3.597 | 0.0 | 1.43 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.127 | 0.0 |
| 92 | 15537 | 15538 | SN | 1 | 0.0 | 29.505 | 13.1 | 0.0 | 55.423 | 13.115 | 0.0 | 140.252 | 10.624 | 0.0 | 77.469 | 12.927 | 0.0 | 1.435 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.129 | 0.0 |
| 93 | 15538 | 15539 | SN | 1 | 0.0 | 30.377 | 13.051 | 0.0 | 31.769 | 13.147 | 0.0 | 134.638 | 10.632 | 0.0 | 151.406 | 12.977 | 0.0 | 1.437 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.818 | 0.0 | 0.0 | 2.129 | 0.0 |
| 94 | 15538 | 15539 | SN | 1 | 0.0 | 23.317 | 6.06 | 0.0 | 26.56 | 7.462 | 0.0 | 132.117 | 2.416 | 0.0 | 136.518 | 3.61 | 0.0 | 1.43 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.128 | 0.0 |
| 95 | 15538 | 15539 | SN | 1 | 0.0 | 23.317 | 6.06 | 0.0 | 26.56 | 7.462 | 0.0 | 132.117 | 2.416 | 0.0 | 136.518 | 3.61 | 0.0 | 1.43 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.128 | 0.0 |
| 96 | 15538 | 15539 | NS | 1 | 0.0 | 17.422 | 4.39 | 0.0 | 20.632 | 3.922 | 0.0 | 10.931 | 0.309 | 0.0 | 5.079 | 0.0 | 0.0 | 1.208 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.712 | 0.0 | 0.0 | 1.816 | 0.0 |
| 97 | 15538 | 15539 | NS | 1 | 0.0 | 10.252 | 0.503 | 0.0 | 9.828 | 0.0 | 0.0 | 9.304 | 0.0 | 0.0 | 4.318 | 0.0 | 0.0 | 1.266 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.722 | 0.0 | 0.0 | 1.892 | 0.0 |
| 98 | 15538 | 15539 | SN | 1 | 0.0 | 30.377 | 13.051 | 0.0 | 31.769 | 13.147 | 0.0 | 134.638 | 10.632 | 0.0 | 151.406 | 12.977 | 0.0 | 1.437 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.818 | 0.0 | 0.0 | 2.129 | 0.0 |
| 99 | 15539 | 15540 | SN | 1 | 0.0 | 30.448 | 13.067 | 0.0 | 26.025 | 13.134 | 0.0 | 156.279 | 10.604 | 0.0 | 130.979 | 12.931 | 0.0 | 1.432 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.127 | 0.0 |
| 100 | 15539 | 15540 | NS | 1 | 0.0 | 140.961 | 9.869 | 0.0 | 31.364 | 14.333 | 0.0 | 349.439 | 10.287 | 0.0 | 82.24 | 12.649 | 0.0 | 1.417 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.161 | 0.0 |
| 101 | 15539 | 15540 | SN | 1 | 0.0 | 23.323 | 6.052 | 0.0 | 26.08 | 7.441 | 0.0 | 137.197 | 2.419 | 0.0 | 258.403 | 3.609 | 0.0 | 1.431 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.128 | 0.0 |
| 102 | 15539 | 15540 | SN | 1 | 0.0 | 23.323 | 6.052 | 0.0 | 26.08 | 7.441 | 0.0 | 137.197 | 2.419 | 0.0 | 258.403 | 3.609 | 0.0 | 1.431 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.128 | 0.0 |
| 103 | 15539 | 15540 | NS | 1 | 0.0 | 140.718 | 5.942 | 0.0 | 24.586 | 7.195 | 0.0 | 352.196 | 2.604 | 0.0 | 66.467 | 3.312 | 0.0 | 1.443 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 104 | 15539 | 15540 | NS | 1 | 0.0 | 140.961 | 10.043 | 0.0 | 29.875 | 13.819 | 0.0 | 349.439 | 11.253 | 0.0 | 14.124 | 12.269 | 0.0 | 1.417 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.161 | 0.0 |
| 105 | 15539 | 15540 | NS | 1 | 0.0 | 140.718 | 5.947 | 0.0 | 24.586 | 7.195 | 0.0 | 352.196 | 2.604 | 0.0 | 66.489 | 3.312 | 0.0 | 1.443 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 15539 | 15540 | NS | 1 | 0.0 | 140.961 | 9.869 | 0.0 | 31.364 | 14.333 | 0.0 | 349.439 | 10.287 | 0.0 | 82.262 | 12.649 | 0.0 | 1.417 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.161 | 0.0 |
| 107 | 15539 | 15540 | NS | 1 | 0.0 | 140.718 | 6.391 | 0.0 | 24.586 | 7.454 | 0.0 | 352.196 | 2.875 | 0.0 | 12.933 | 3.49 | 0.0 | 1.443 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 108 | 15539 | 15540 | SN | 1 | 0.0 | 30.448 | 13.067 | 0.0 | 26.025 | 13.134 | 0.0 | 156.279 | 10.604 | 0.0 | 130.979 | 12.931 | 0.0 | 1.432 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.127 | 0.0 |
| 109 | 15540 | 15541 | NS | 1 | 0.0 | 25.705 | 6.697 | 0.0 | 24.586 | 7.689 | 0.0 | 352.77 | 3.071 | 0.0 | 12.927 | 3.703 | 0.0 | 1.45 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 110 | 15540 | 15541 | NS | 1 | 0.0 | 25.705 | 5.944 | 0.0 | 24.586 | 7.189 | 0.0 | 352.77 | 2.614 | 0.0 | 55.371 | 3.313 | 0.0 | 1.45 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 111 | 15540 | 15541 | NS | 1 | 0.0 | 25.705 | 5.944 | 0.0 | 24.586 | 7.189 | 0.0 | 352.77 | 2.614 | 0.0 | 55.371 | 3.313 | 0.0 | 1.45 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 112 | 15540 | 15541 | NS | 1 | 0.0 | 26.119 | 9.968 | 0.0 | 34.7 | 14.365 | 0.0 | 137.04 | 10.283 | 0.0 | 84.016 | 12.693 | 0.0 | 1.426 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.159 | 0.0 |
| 113 | 15540 | 15541 | SN | 1 | 0.0 | 30.878 | 13.063 | 0.0 | 73.143 | 12.448 | 0.0 | 139.309 | 10.937 | 0.0 | 14.885 | 11.942 | 0.0 | 1.438 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.125 | 0.0 |
| 114 | 15540 | 15541 | SN | 1 | 0.0 | 30.878 | 12.99 | 0.0 | 73.143 | 13.014 | 0.0 | 139.309 | 10.622 | 0.0 | 76.322 | 12.943 | 0.0 | 1.438 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.125 | 0.0 |
| 115 | 15540 | 15541 | SN | 1 | 0.0 | 30.878 | 12.99 | 0.0 | 73.143 | 13.014 | 0.0 | 139.309 | 10.622 | 0.0 | 76.322 | 12.943 | 0.0 | 1.438 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.125 | 0.0 |
| 116 | 15540 | 15541 | SN | 1 | 0.0 | 23.312 | 6.038 | 0.0 | 73.143 | 7.398 | 0.0 | 137.048 | 2.376 | 0.0 | 57.224 | 3.573 | 0.0 | 1.429 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.127 | 0.0 |
| 117 | 15540 | 15541 | NS | 1 | 0.0 | 26.119 | 10.318 | 0.0 | 29.875 | 13.995 | 0.0 | 137.04 | 11.959 | 0.0 | 14.129 | 12.518 | 0.0 | 1.426 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.159 | 0.0 |
| 118 | 15540 | 15541 | SN | 1 | 0.0 | 23.312 | 6.081 | 0.0 | 73.143 | 7.288 | 0.0 | 137.048 | 2.454 | 0.0 | 13.06 | 3.335 | 0.0 | 1.429 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.127 | 0.0 |
| 119 | 15540 | 15541 | SN | 1 | 0.0 | 23.312 | 6.038 | 0.0 | 73.143 | 7.398 | 0.0 | 137.048 | 2.376 | 0.0 | 57.224 | 3.573 | 0.0 | 1.429 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.127 | 0.0 |
| 120 | 15540 | 15541 | NS | 1 | 0.0 | 26.119 | 9.978 | 0.0 | 34.7 | 14.365 | 0.0 | 137.04 | 10.283 | 0.0 | 84.016 | 12.7 | 0.0 | 1.426 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.159 | 0.0 |
| 121 | 15541 | 15542 | SN | 1 | 0.0 | 141.774 | 14.208 | 0.0 | 94.58 | 11.549 | 0.0 | 148.916 | 12.667 | 0.0 | 63.133 | 10.161 | 0.0 | 1.438 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.129 | 0.0 |
| 122 | 15541 | 15542 | SN | 1 | 0.0 | 141.774 | 13.108 | 0.0 | 94.58 | 13.056 | 0.0 | 148.916 | 10.605 | 0.0 | 76.603 | 12.929 | 0.0 | 1.438 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.145 | 0.0 |
| 123 | 15541 | 15542 | NS | 1 | 0.0 | 271.451 | 9.958 | 0.0 | 31.424 | 14.408 | 0.0 | 355.742 | 10.27 | 0.0 | 78.694 | 12.735 | 0.0 | 1.42 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.159 | 0.0 |
| 124 | 15541 | 15542 | SN | 1 | 0.0 | 128.251 | 6.578 | 0.0 | 67.247 | 6.752 | 0.0 | 132.818 | 2.843 | 0.0 | 77.494 | 2.658 | 0.0 | 1.428 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.128 | 0.0 |
| 125 | 15541 | 15542 | SN | 1 | 0.0 | 128.251 | 6.016 | 0.0 | 67.247 | 7.375 | 0.0 | 132.818 | 2.346 | 0.0 | 77.494 | 3.556 | 0.0 | 1.428 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.148 | 0.0 |
| 126 | 15541 | 15542 | NS | 1 | 0.0 | 206.109 | 5.958 | 0.0 | 24.591 | 7.191 | 0.0 | 353.509 | 2.612 | 0.0 | 57.621 | 3.304 | 0.0 | 1.449 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 127 | 15542 | 15543 | SN | 1 | 0.0 | 30.426 | 13.128 | 0.0 | 25.909 | 12.632 | 0.0 | 138.542 | 10.839 | 0.0 | 15.784 | 12.167 | 0.0 | 1.429 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.13 | 0.0 |
| 128 | 15542 | 15543 | SN | 1 | 0.0 | 30.426 | 13.061 | 0.0 | 26.025 | 13.098 | 0.0 | 138.542 | 10.577 | 0.0 | 68.794 | 12.92 | 0.0 | 1.429 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.13 | 0.0 |
| 129 | 15542 | 15543 | SN | 1 | 0.0 | 30.426 | 13.061 | 0.0 | 26.025 | 13.098 | 0.0 | 138.542 | 10.577 | 0.0 | 68.794 | 12.92 | 0.0 | 1.429 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.13 | 0.0 |
| 130 | 15542 | 15543 | SN | 1 | 0.0 | 23.312 | 6.083 | 0.0 | 25.468 | 7.366 | 0.0 | 136.893 | 2.463 | 0.0 | 14.223 | 3.454 | 0.0 | 1.429 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.128 | 0.0 |
| 131 | 15542 | 15543 | NS | 1 | 0.0 | 153.943 | 9.941 | 0.0 | 31.336 | 14.263 | 0.0 | 279.999 | 10.161 | 0.0 | 85.549 | 12.68 | 0.0 | 1.416 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.159 | 0.0 |
| 132 | 15542 | 15543 | SN | 1 | 0.0 | 23.312 | 6.051 | 0.0 | 26.577 | 7.462 | 0.0 | 136.893 | 2.408 | 0.0 | 61.547 | 3.63 | 0.0 | 1.429 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.128 | 0.0 |
| 133 | 15542 | 15543 | SN | 1 | 0.0 | 23.312 | 6.047 | 0.0 | 26.577 | 7.457 | 0.0 | 136.893 | 2.406 | 0.0 | 65.678 | 3.63 | 0.0 | 1.429 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.128 | 0.0 |
| 134 | 15542 | 15543 | NS | 1 | 0.0 | 149.459 | 5.92 | 0.0 | 24.591 | 7.186 | 0.0 | 350.448 | 2.585 | 0.0 | 66.026 | 3.281 | 0.0 | 1.444 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.159 | 0.0 |
| 135 | 15543 | 15544 | NS | 1 | 0.0 | 200.363 | 9.932 | 0.0 | 36.427 | 14.238 | 0.0 | 350.481 | 10.152 | 0.0 | 79.339 | 12.7 | 0.0 | 1.426 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.157 | 0.0 |
| 136 | 15543 | 15544 | NS | 1 | 0.0 | 200.363 | 9.932 | 0.0 | 36.427 | 14.238 | 0.0 | 350.481 | 10.152 | 0.0 | 79.339 | 12.7 | 0.0 | 1.426 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.157 | 0.0 |
| 137 | 15543 | 15544 | SN | 1 | 0.0 | 30.498 | 13.077 | 0.0 | 238.212 | 13.113 | 0.0 | 150.118 | 10.617 | 0.0 | 77.591 | 12.924 | 0.0 | 1.433 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.13 | 0.0 |
| 138 | 15543 | 15544 | SN | 1 | 0.0 | 30.498 | 13.113 | 0.0 | 238.212 | 12.904 | 0.0 | 150.118 | 10.694 | 0.0 | 19.236 | 12.613 | 0.0 | 1.433 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.13 | 0.0 |
| 139 | 15543 | 15544 | SN | 1 | 0.0 | 30.498 | 13.077 | 0.0 | 238.212 | 13.113 | 0.0 | 150.118 | 10.617 | 0.0 | 77.591 | 12.924 | 0.0 | 1.433 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.13 | 0.0 |
| 140 | 15543 | 15544 | SN | 1 | 0.0 | 23.334 | 6.068 | 0.0 | 266.785 | 7.491 | 0.0 | 163.321 | 2.447 | 0.0 | 52.95 | 3.648 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.13 | 0.0 |
| 141 | 15543 | 15544 | SN | 1 | 0.0 | 23.334 | 6.084 | 0.0 | 266.785 | 7.464 | 0.0 | 163.321 | 2.465 | 0.0 | 13.484 | 3.547 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.13 | 0.0 |
| 142 | 15543 | 15544 | NS | 1 | 0.0 | 158.261 | 5.915 | 0.0 | 24.591 | 7.209 | 0.0 | 350.459 | 2.586 | 0.0 | 64.211 | 3.268 | 0.0 | 1.443 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 15543 | 15544 | NS | 1 | 0.0 | 158.261 | 5.915 | 0.0 | 24.591 | 7.209 | 0.0 | 350.459 | 2.585 | 0.0 | 64.211 | 3.268 | 0.0 | 1.443 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 144 | 15543 | 15544 | SN | 1 | 0.0 | 23.334 | 6.068 | 0.0 | 266.785 | 7.491 | 0.0 | 163.321 | 2.447 | 0.0 | 52.95 | 3.648 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.13 | 0.0 |
| 145 | 15544 | 15545 | SN | 1 | 0.0 | 30.288 | 13.154 | 0.0 | 84.553 | 13.186 | 0.0 | 175.156 | 10.562 | 0.0 | 74.419 | 12.974 | 0.0 | 1.435 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.131 | 0.0 |
| 146 | 15544 | 15545 | SN | 1 | 0.0 | 23.334 | 6.069 | 0.0 | 68.019 | 7.489 | 0.0 | 171.55 | 2.43 | 0.0 | 199.618 | 3.672 | 0.0 | 1.429 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.13 | 0.0 |
| 147 | 15544 | 15545 | SN | 1 | 0.0 | 23.334 | 6.071 | 0.0 | 68.019 | 7.489 | 0.0 | 171.544 | 2.43 | 0.0 | 199.618 | 3.673 | 0.0 | 1.429 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.13 | 0.0 |
| 148 | 15544 | 15545 | NS | 1 | 0.0 | 42.011 | 9.977 | 0.0 | 31.38 | 14.333 | 0.0 | 355.334 | 10.12 | 0.0 | 74.976 | 12.689 | 0.0 | 1.427 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.158 | 0.0 |
| 149 | 15544 | 15545 | NS | 1 | 0.0 | 46.549 | 9.901 | 0.0 | 36.399 | 14.31 | 0.0 | 140.514 | 10.117 | 0.0 | 82.411 | 12.664 | 0.0 | 1.412 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.157 | 0.0 |
| 150 | 15544 | 15545 | NS | 1 | 0.0 | 68.935 | 5.928 | 0.0 | 24.586 | 7.212 | 0.0 | 350.062 | 2.567 | 0.0 | 54.124 | 3.263 | 0.0 | 1.449 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.157 | 0.0 |
| 151 | 15544 | 15545 | SN | 1 | 0.0 | 30.288 | 13.187 | 0.0 | 84.553 | 12.882 | 0.0 | 175.156 | 10.672 | 0.0 | 24.065 | 12.537 | 0.0 | 1.435 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.131 | 0.0 |
| 152 | 15544 | 15545 | NS | 1 | 0.0 | 201.766 | 5.922 | 0.0 | 24.591 | 7.204 | 0.0 | 352.373 | 2.574 | 0.0 | 66.632 | 3.262 | 0.0 | 1.444 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.158 | 0.0 |
| 153 | 15544 | 15545 | SN | 1 | 0.0 | 30.288 | 13.154 | 0.0 | 84.553 | 13.196 | 0.0 | 175.151 | 10.562 | 0.0 | 74.43 | 12.974 | 0.0 | 1.435 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.131 | 0.0 |
| 154 | 15544 | 15545 | SN | 1 | 0.0 | 23.334 | 6.078 | 0.0 | 68.019 | 7.441 | 0.0 | 171.55 | 2.455 | 0.0 | 199.618 | 3.552 | 0.0 | 1.429 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.13 | 0.0 |
| 155 | 15545 | 15546 | NS | 1 | 0.0 | 26.29 | 9.877 | 0.0 | 31.391 | 14.294 | 0.0 | 327.765 | 10.115 | 0.0 | 76.09 | 12.721 | 0.0 | 1.42 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.158 | 0.0 |
| 156 | 15545 | 15546 | NS | 1 | 0.0 | 26.356 | 9.923 | 0.0 | 31.254 | 14.276 | 0.0 | 330.164 | 10.161 | 0.0 | 75.318 | 12.652 | 0.0 | 1.416 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.158 | 0.0 |
| 157 | 15545 | 15546 | SN | 1 | 0.0 | 30.068 | 13.152 | 0.0 | 25.992 | 13.086 | 0.0 | 185.436 | 10.596 | 0.0 | 77.116 | 12.98 | 0.0 | 1.438 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.131 | 0.0 |
| 158 | 15545 | 15546 | SN | 1 | 0.0 | 23.323 | 6.075 | 0.0 | 25.468 | 7.42 | 0.0 | 143.302 | 2.488 | 0.0 | 13.054 | 3.523 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.128 | 0.0 |
| 159 | 15545 | 15546 | SN | 1 | 0.0 | 23.323 | 6.055 | 0.0 | 26.417 | 7.499 | 0.0 | 143.302 | 2.441 | 0.0 | 58.404 | 3.655 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.128 | 0.0 |
| 160 | 15545 | 15546 | SN | 1 | 0.083 | 30.068 | 13.194 | 0.0 | 25.943 | 12.654 | 0.0 | 185.436 | 10.784 | 0.0 | 16.617 | 12.318 | 0.0 | 1.438 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.131 | 0.0 |
| 161 | 15545 | 15546 | SN | 1 | 0.0 | 30.068 | 13.152 | 0.0 | 25.992 | 13.086 | 0.0 | 185.436 | 10.596 | 0.0 | 77.116 | 12.98 | 0.0 | 1.438 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.131 | 0.0 |
| 162 | 15545 | 15546 | NS | 1 | 0.0 | 25.788 | 5.911 | 0.0 | 24.575 | 7.204 | 0.0 | 304.061 | 2.574 | 0.0 | 45.537 | 3.27 | 0.0 | 1.445 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.157 | 0.0 |
| 163 | 15545 | 15546 | NS | 1 | 0.0 | 25.805 | 5.904 | 0.0 | 24.58 | 7.22 | 0.0 | 323.375 | 2.57 | 0.0 | 49.525 | 3.27 | 0.0 | 1.444 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.156 | 0.0 |
| 164 | 15545 | 15546 | SN | 1 | 0.0 | 23.323 | 6.055 | 0.0 | 26.417 | 7.499 | 0.0 | 143.302 | 2.441 | 0.0 | 58.404 | 3.655 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.128 | 0.0 |
| 165 | 15546 | 15547 | NS | 1 | 0.0 | 269.251 | 9.965 | 0.0 | 31.242 | 14.336 | 0.0 | 355.665 | 10.112 | 0.0 | 95.046 | 12.667 | 0.0 | 1.421 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.158 | 0.0 |
| 166 | 15546 | 15547 | NS | 1 | 0.0 | 219.083 | 5.936 | 0.0 | 24.591 | 7.209 | 0.0 | 337.598 | 2.571 | 0.0 | 66.566 | 3.274 | 0.0 | 1.437 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 167 | 15546 | 15547 | NS | 1 | 0.0 | 122.306 | 5.938 | 0.0 | 24.591 | 7.229 | 0.0 | 335.442 | 2.572 | 0.0 | 73.984 | 3.275 | 0.0 | 1.45 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 168 | 15546 | 15547 | SN | 1 | 0.0 | 23.317 | 6.055 | 0.0 | 237.424 | 7.484 | 0.0 | 118.903 | 2.429 | 0.0 | 71.7 | 3.666 | 0.0 | 1.43 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 169 | 15546 | 15547 | SN | 1 | 0.0 | 23.317 | 6.086 | 0.0 | 237.424 | 7.393 | 0.0 | 118.942 | 2.485 | 0.0 | 189.176 | 3.483 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 170 | 15546 | 15547 | SN | 1 | 0.0 | 30.128 | 13.206 | 0.0 | 182.003 | 12.615 | 0.0 | 147.951 | 10.791 | 0.0 | 38.685 | 12.115 | 0.0 | 1.438 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.132 | 0.0 |
| 171 | 15546 | 15547 | NS | 1 | 0.0 | 269.251 | 9.949 | 0.0 | 31.397 | 14.356 | 0.0 | 355.665 | 10.107 | 0.0 | 104.046 | 12.728 | 0.0 | 1.428 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.158 | 0.0 |
| 172 | 15546 | 15547 | SN | 1 | 0.0 | 30.128 | 13.164 | 0.0 | 182.009 | 13.109 | 0.0 | 147.923 | 10.54 | 0.0 | 77.497 | 12.951 | 0.0 | 1.438 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.132 | 0.0 |
| 173 | 15547 | 15548 | SN | 1 | 0.0 | 29.831 | 13.092 | 0.0 | 26.025 | 13.034 | 0.0 | 135.526 | 10.57 | 0.0 | 74.745 | 12.968 | 0.0 | 1.436 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.128 | 0.0 |
| 174 | 15547 | 15548 | SN | 1 | 0.0 | 23.323 | 6.041 | 0.0 | 26.582 | 7.474 | 0.0 | 133.0 | 2.424 | 0.0 | 99.653 | 3.643 | 0.0 | 1.43 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.129 | 0.0 |
| 175 | 15547 | 15548 | NS | 1 | 0.0 | 101.049 | 5.922 | 0.0 | 24.591 | 7.218 | 0.0 | 333.567 | 2.592 | 0.0 | 47.021 | 3.289 | 0.0 | 1.45 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 176 | 15547 | 15548 | NS | 1 | 0.0 | 159.425 | 9.87 | 0.0 | 31.353 | 14.296 | 0.0 | 359.267 | 10.181 | 0.0 | 70.289 | 12.671 | 0.0 | 1.419 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.156 | 0.0 |
| 177 | 15548 | 15549 | SN | 1 | 0.0 | 23.317 | 6.06 | 0.0 | 26.726 | 7.428 | 0.0 | 139.16 | 2.378 | 0.0 | 192.366 | 3.613 | 0.0 | 1.43 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.129 | 0.0 |
| 178 | 15548 | 15549 | NS | 1 | 0.0 | 46.891 | 9.828 | 0.0 | 31.358 | 14.313 | 0.0 | 348.518 | 10.144 | 0.0 | 81.087 | 12.671 | 0.0 | 1.431 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.156 | 0.0 |
| 179 | 15548 | 15549 | NS | 1 | 0.0 | 168.905 | 9.818 | 0.0 | 31.358 | 14.303 | 0.0 | 348.518 | 10.144 | 0.0 | 81.104 | 12.657 | 0.0 | 1.431 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.155 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 15548 | 15549 | SN | 1 | 0.0 | 30.09 | 13.078 | 0.0 | 26.003 | 13.114 | 0.0 | 157.619 | 10.597 | 0.0 | 83.1 | 12.89 | 0.0 | 1.436 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.132 | 0.0 |
| 181 | 15548 | 15549 | SN | 1 | 0.0 | 23.317 | 6.095 | 0.0 | 25.474 | 7.334 | 0.0 | 139.16 | 2.47 | 0.0 | 192.366 | 3.302 | 0.0 | 1.43 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.129 | 0.0 |
| 182 | 15548 | 15549 | NS | 1 | 0.0 | 44.52 | 5.917 | 0.0 | 24.591 | 7.198 | 0.0 | 352.726 | 2.59 | 0.0 | 65.612 | 3.287 | 0.0 | 1.44 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 183 | 15548 | 15549 | NS | 1 | 0.0 | 166.539 | 5.913 | 0.0 | 24.591 | 7.202 | 0.0 | 352.731 | 2.588 | 0.0 | 65.629 | 3.285 | 0.0 | 1.439 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.159 | 0.0 |
| 184 | 15548 | 15549 | SN | 1 | 0.0 | 30.09 | 13.214 | 0.0 | 24.101 | 12.327 | 0.0 | 157.619 | 10.938 | 0.0 | 50.267 | 11.713 | 0.0 | 1.436 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.132 | 0.0 |
| 185 | 15549 | 15550 | SN | 1 | 0.0 | 23.323 | 6.033 | 0.0 | 26.742 | 7.433 | 0.0 | 140.009 | 2.421 | 0.0 | 45.659 | 3.599 | 0.0 | 1.429 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.128 | 0.0 |
| 186 | 15549 | 15550 | SN | 1 | 0.0 | 30.062 | 13.069 | 0.0 | 27.2 | 13.156 | 0.0 | 149.39 | 10.604 | 0.0 | 75.511 | 12.954 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.132 | 0.0 |
| 187 | 15549 | 15550 | NS | 1 | 0.0 | 105.731 | 5.915 | 0.0 | 24.591 | 7.227 | 0.0 | 352.808 | 2.583 | 0.0 | 52.657 | 3.276 | 0.0 | 1.449 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 188 | 15549 | 15550 | NS | 1 | 0.0 | 105.731 | 5.915 | 0.0 | 24.591 | 7.227 | 0.0 | 352.808 | 2.581 | 0.0 | 52.657 | 3.276 | 0.0 | 1.449 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 189 | 15549 | 15550 | NS | 1 | 0.0 | 194.66 | 9.901 | 0.0 | 31.397 | 14.323 | 0.0 | 136.119 | 10.166 | 0.0 | 83.354 | 12.657 | 0.0 | 1.419 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.16 | 0.0 |
| 190 | 15549 | 15550 | NS | 1 | 0.0 | 194.66 | 9.901 | 0.0 | 31.397 | 14.323 | 0.0 | 136.119 | 10.166 | 0.0 | 83.354 | 12.657 | 0.0 | 1.419 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.16 | 0.0 |
| 191 | 15549 | 15550 | SN | 1 | 0.0 | 30.062 | 13.069 | 0.0 | 27.2 | 13.156 | 0.0 | 149.39 | 10.604 | 0.0 | 75.511 | 12.954 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.132 | 0.0 |
| 192 | 15549 | 15550 | SN | 1 | 0.0 | 23.323 | 6.033 | 0.0 | 26.742 | 7.433 | 0.0 | 140.009 | 2.421 | 0.0 | 45.659 | 3.599 | 0.0 | 1.429 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.128 | 0.0 |
| 193 | 15550 | 15551 | NS | 1 | 0.0 | 25.783 | 5.932 | 0.0 | 24.586 | 7.226 | 0.0 | 221.419 | 2.562 | 0.0 | 55.906 | 3.277 | 0.0 | 1.449 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.156 | 0.0 |
| 194 | 15550 | 15551 | NS | 1 | 0.0 | 26.114 | 9.938 | 0.0 | 31.766 | 14.369 | 0.0 | 355.831 | 10.153 | 0.0 | 76.306 | 12.684 | 0.0 | 1.42 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.159 | 0.0 |
| 195 | 15550 | 15551 | SN | 1 | 0.0 | 23.35 | 6.064 | 0.0 | 26.665 | 7.46 | 0.0 | 124.887 | 2.417 | 0.0 | 68.51 | 3.636 | 0.0 | 1.43 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.129 | 0.0 |
| 196 | 15550 | 15551 | SN | 1 | 0.0 | 29.93 | 13.133 | 0.0 | 26.031 | 13.118 | 0.0 | 145.276 | 10.626 | 0.0 | 82.739 | 12.966 | 0.0 | 1.434 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.131 | 0.0 |
| 197 | 15550 | 15551 | NS | 1 | 0.0 | 26.114 | 9.938 | 0.0 | 31.766 | 14.369 | 0.0 | 355.831 | 10.153 | 0.0 | 76.306 | 12.684 | 0.0 | 1.42 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.159 | 0.0 |
| 198 | 15550 | 15551 | NS | 1 | 0.0 | 25.783 | 5.932 | 0.0 | 24.586 | 7.226 | 0.0 | 221.419 | 2.562 | 0.0 | 55.906 | 3.277 | 0.0 | 1.449 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.156 | 0.0 |
| 199 | 15551 | 15552 | NS | 1 | 0.0 | 93.104 | 5.949 | 0.0 | 24.591 | 7.207 | 0.0 | 184.03 | 2.584 | 0.0 | 14.968 | 3.239 | 0.0 | 1.448 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 200 | 15551 | 15552 | NS | 1 | 0.0 | 169.399 | 9.997 | 0.0 | 30.669 | 14.231 | 0.0 | 184.036 | 10.263 | 0.0 | 28.242 | 12.577 | 0.0 | 1.421 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.161 | 0.0 |
| 201 | 15551 | 15552 | NS | 1 | 0.0 | 169.399 | 9.995 | 0.0 | 31.276 | 14.287 | 0.0 | 184.036 | 10.226 | 0.0 | 77.21 | 12.633 | 0.0 | 1.421 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.161 | 0.0 |
| 202 | 15551 | 15552 | SN | 1 | 0.0 | 30.47 | 13.13 | 0.0 | 26.461 | 13.063 | 0.0 | 140.55 | 10.61 | 0.0 | 73.487 | 12.961 | 0.0 | 1.437 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.126 | 0.0 |
| 203 | 15551 | 15552 | NS | 1 | 0.0 | 93.104 | 5.928 | 0.0 | 24.591 | 7.198 | 0.0 | 184.03 | 2.571 | 0.0 | 53.854 | 3.267 | 0.0 | 1.448 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 204 | 15551 | 15552 | SN | 1 | 0.0 | 23.323 | 6.06 | 0.0 | 26.577 | 7.478 | 0.0 | 143.197 | 2.442 | 0.0 | 142.158 | 3.627 | 0.0 | 1.43 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.129 | 0.0 |
| 205 | 15552 | 15553 | NS | 1 | 0.0 | 24.829 | 9.858 | 0.0 | 31.353 | 14.312 | 0.0 | 355.202 | 10.138 | 0.0 | 70.57 | 12.664 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.155 | 0.0 |
| 206 | 15552 | 15553 | NS | 1 | 0.0 | 25.628 | 6.013 | 0.0 | 24.58 | 7.269 | 0.0 | 354.915 | 2.672 | 0.0 | 12.927 | 3.225 | 0.0 | 1.446 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 207 | 15552 | 15553 | SN | 1 | 0.0 | 23.312 | 6.053 | 0.0 | 26.544 | 7.503 | 0.0 | 135.697 | 2.441 | 0.0 | 142.169 | 3.632 | 0.0 | 1.431 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.13 | 0.0 |
| 208 | 15552 | 15553 | NS | 1 | 0.0 | 25.628 | 5.894 | 0.0 | 24.58 | 7.209 | 0.0 | 354.915 | 2.588 | 0.0 | 45.355 | 3.268 | 0.0 | 1.446 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 209 | 15552 | 15553 | NS | 1 | 0.0 | 24.829 | 9.903 | 0.0 | 29.875 | 13.974 | 0.0 | 355.202 | 10.374 | 0.0 | 14.879 | 12.281 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.155 | 0.0 |
| 210 | 15552 | 15553 | NS | 1 | 0.0 | 25.628 | 5.894 | 0.0 | 24.58 | 7.209 | 0.0 | 354.915 | 2.588 | 0.0 | 45.355 | 3.268 | 0.0 | 1.446 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 211 | 15552 | 15553 | SN | 1 | 0.0 | 29.946 | 13.098 | 0.0 | 26.009 | 13.013 | 0.0 | 135.801 | 10.532 | 0.0 | 272.469 | 12.947 | 0.0 | 1.437 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.129 | 0.0 |
| 212 | 15552 | 15553 | NS | 1 | 0.0 | 24.829 | 9.858 | 0.0 | 31.353 | 14.312 | 0.0 | 355.202 | 10.138 | 0.0 | 70.57 | 12.664 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.155 | 0.0 |
| 213 | 15552 | 15553 | SN | 1 | 0.0 | 29.946 | 13.098 | 0.0 | 26.009 | 13.013 | 0.0 | 135.801 | 10.532 | 0.0 | 272.469 | 12.947 | 0.0 | 1.437 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.129 | 0.0 |
| 214 | 15552 | 15553 | SN | 1 | 0.0 | 23.312 | 6.053 | 0.0 | 26.544 | 7.503 | 0.0 | 135.697 | 2.441 | 0.0 | 142.169 | 3.632 | 0.0 | 1.431 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.13 | 0.0 |
| 215 | 15553 | 15554 | NS | 1 | 0.0 | 25.623 | 6.238 | 0.0 | 24.591 | 7.335 | 0.0 | 351.943 | 2.791 | 0.0 | 12.927 | 3.355 | 0.0 | 1.444 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.159 | 0.0 |
| 216 | 15553 | 15554 | SN | 1 | 0.0 | 29.908 | 13.117 | 0.0 | 226.912 | 13.214 | 0.0 | 156.885 | 10.548 | 0.0 | 74.519 | 12.918 | 0.0 | 1.437 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.129 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 15553 | 15554 | SN | 1 | 0.0 | 29.908 | 13.117 | 0.0 | 226.912 | 13.214 | 0.0 | 156.885 | 10.548 | 0.0 | 74.519 | 12.918 | 0.0 | 1.437 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.129 | 0.0 |
| 218 | 15553 | 15554 | NS | 1 | 0.0 | 24.597 | 9.858 | 0.0 | 31.358 | 14.32 | 0.0 | 346.659 | 10.13 | 0.0 | 75.158 | 12.714 | 0.0 | 1.426 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.155 | 0.0 |
| 219 | 15553 | 15554 | NS | 1 | 0.0 | 24.597 | 9.858 | 0.0 | 31.358 | 14.32 | 0.0 | 346.659 | 10.13 | 0.0 | 75.169 | 12.721 | 0.0 | 1.426 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.155 | 0.0 |
| 220 | 15553 | 15554 | NS | 1 | 0.0 | 24.597 | 9.958 | 0.0 | 29.875 | 13.815 | 0.0 | 346.659 | 10.787 | 0.0 | 14.113 | 12.268 | 0.0 | 1.426 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.155 | 0.0 |
| 221 | 15553 | 15554 | NS | 1 | 0.0 | 25.623 | 5.913 | 0.0 | 24.591 | 7.175 | 0.0 | 351.943 | 2.599 | 0.0 | 65.833 | 3.276 | 0.0 | 1.444 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.159 | 0.0 |
| 222 | 15553 | 15554 | NS | 1 | 0.0 | 25.623 | 5.913 | 0.0 | 24.591 | 7.175 | 0.0 | 351.943 | 2.599 | 0.0 | 65.827 | 3.273 | 0.0 | 1.444 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.159 | 0.0 |
| 223 | 15553 | 15554 | SN | 1 | 0.0 | 23.323 | 6.055 | 0.0 | 72.269 | 7.501 | 0.0 | 138.195 | 2.407 | 0.0 | 49.624 | 3.631 | 0.0 | 1.432 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.129 | 0.0 |
| 224 | 15553 | 15554 | SN | 1 | 0.0 | 23.323 | 6.055 | 0.0 | 72.269 | 7.501 | 0.0 | 138.195 | 2.407 | 0.0 | 49.624 | 3.631 | 0.0 | 1.432 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.129 | 0.0 |
| 225 | 15554 | 15555 | SN | 1 | 0.0 | 23.317 | 6.108 | 0.0 | 25.468 | 7.396 | 0.0 | 120.927 | 2.512 | 0.0 | 186.559 | 3.347 | 0.0 | 1.433 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.128 | 0.0 |
| 226 | 15554 | 15555 | NS | 1 | 0.0 | 25.805 | 5.934 | 0.0 | 24.586 | 7.194 | 0.0 | 352.114 | 2.583 | 0.0 | 54.94 | 3.298 | 0.0 | 1.451 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.158 | 0.0 |
| 227 | 15554 | 15555 | NS | 1 | 0.0 | 26.158 | 9.846 | 0.0 | 35.572 | 14.372 | 0.0 | 355.406 | 10.179 | 0.0 | 75.087 | 12.692 | 0.0 | 1.416 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.157 | 0.0 |
| 228 | 15554 | 15555 | NS | 1 | 0.0 | 25.805 | 6.552 | 0.0 | 24.586 | 7.562 | 0.0 | 352.114 | 2.939 | 0.0 | 12.927 | 3.554 | 0.0 | 1.451 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.158 | 0.0 |
| 229 | 15554 | 15555 | SN | 1 | 0.0 | 30.818 | 13.129 | 0.0 | 26.025 | 13.125 | 0.0 | 139.739 | 10.589 | 0.0 | 76.449 | 12.917 | 0.0 | 1.437 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.132 | 0.0 |
| 230 | 15554 | 15555 | SN | 1 | 0.0 | 30.818 | 13.242 | 0.0 | 25.584 | 12.4 | 0.0 | 139.728 | 10.893 | 0.0 | 243.258 | 11.872 | 0.0 | 1.437 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.132 | 0.0 |
| 231 | 15554 | 15555 | SN | 1 | 0.0 | 23.317 | 6.052 | 0.0 | 26.395 | 7.501 | 0.0 | 120.927 | 2.439 | 0.0 | 186.559 | 3.632 | 0.0 | 1.433 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.128 | 0.0 |
| 232 | 15554 | 15555 | SN | 1 | 0.0 | 30.818 | 13.13 | 0.0 | 26.02 | 13.125 | 0.0 | 139.728 | 10.589 | 0.0 | 243.258 | 12.938 | 0.0 | 1.437 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.132 | 0.0 |
| 233 | 15554 | 15555 | NS | 1 | 0.0 | 26.158 | 9.846 | 0.0 | 35.566 | 14.372 | 0.0 | 355.406 | 10.172 | 0.0 | 75.081 | 12.692 | 0.0 | 1.416 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.157 | 0.0 |
| 234 | 15554 | 15555 | NS | 1 | 0.0 | 25.805 | 5.939 | 0.0 | 24.586 | 7.194 | 0.0 | 352.114 | 2.584 | 0.0 | 54.94 | 3.3 | 0.0 | 1.451 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.158 | 0.0 |
| 235 | 15554 | 15555 | SN | 1 | 0.0 | 23.312 | 6.052 | 0.0 | 26.389 | 7.501 | 0.0 | 120.944 | 2.441 | 0.0 | 278.328 | 3.62 | 0.0 | 1.432 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.128 | 0.0 |
| 236 | 15554 | 15555 | NS | 1 | 0.0 | 26.158 | 10.103 | 0.0 | 29.875 | 13.896 | 0.0 | 355.406 | 11.457 | 0.0 | 14.124 | 12.399 | 0.0 | 1.416 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.157 | 0.0 |
| 237 | 15555 | 15556 | NS | 1 | 0.0 | 158.424 | 9.856 | 0.0 | 35.682 | 14.362 | 0.0 | 355.704 | 10.101 | 0.0 | 73.725 | 12.748 | 0.0 | 1.427 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.16 | 0.0 |
| 238 | 15555 | 15556 | NS | 1 | 0.0 | 201.411 | 9.877 | 0.0 | 35.682 | 14.362 | 0.0 | 355.704 | 10.094 | 0.0 | 73.741 | 12.756 | 0.0 | 1.427 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.16 | 0.0 |
| 239 | 15555 | 15556 | NS | 1 | 0.0 | 236.795 | 5.928 | 0.0 | 24.586 | 7.194 | 0.0 | 353.454 | 2.588 | 0.0 | 57.604 | 3.31 | 0.0 | 1.452 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 240 | 15555 | 15556 | NS | 1 | 0.0 | 158.424 | 5.928 | 0.0 | 24.586 | 7.201 | 0.0 | 353.454 | 2.59 | 0.0 | 57.599 | 3.307 | 0.0 | 1.451 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |

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

Normal
Alarming
Deviations
High Errors