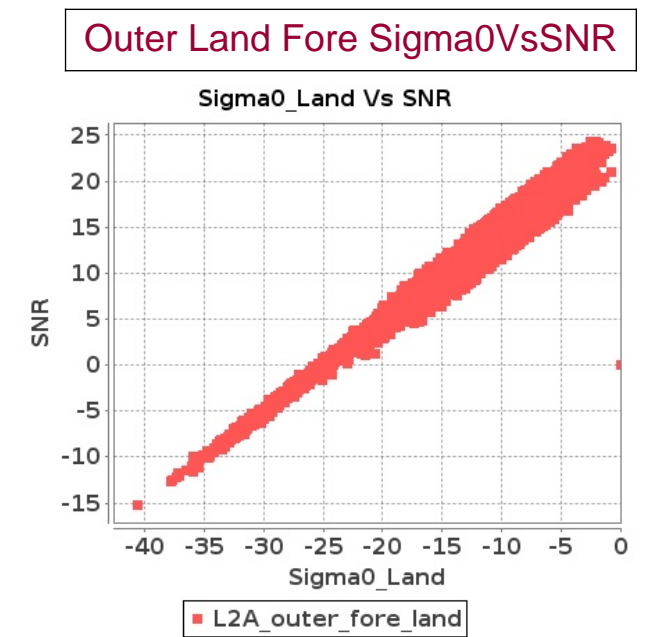
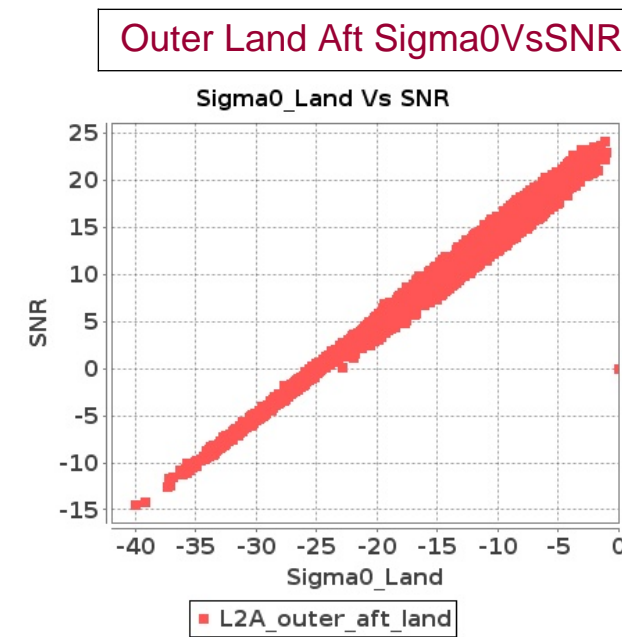
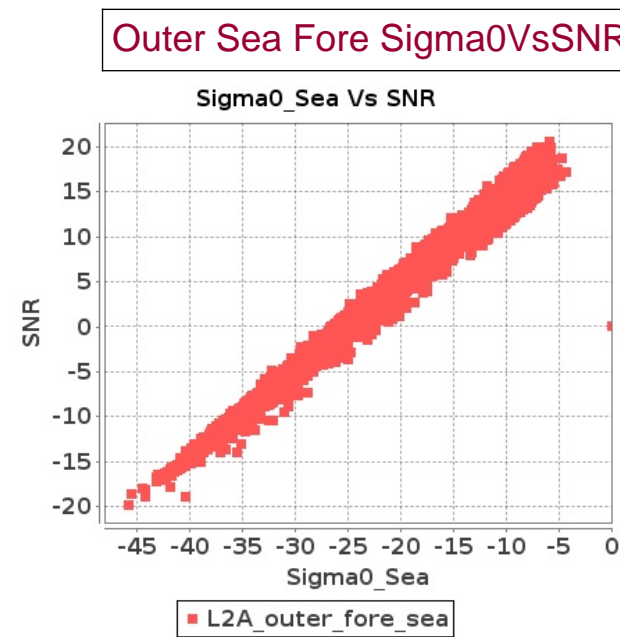
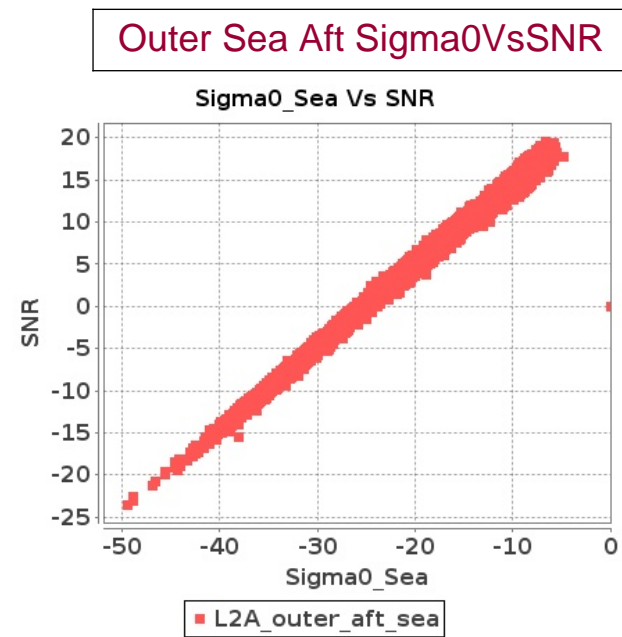
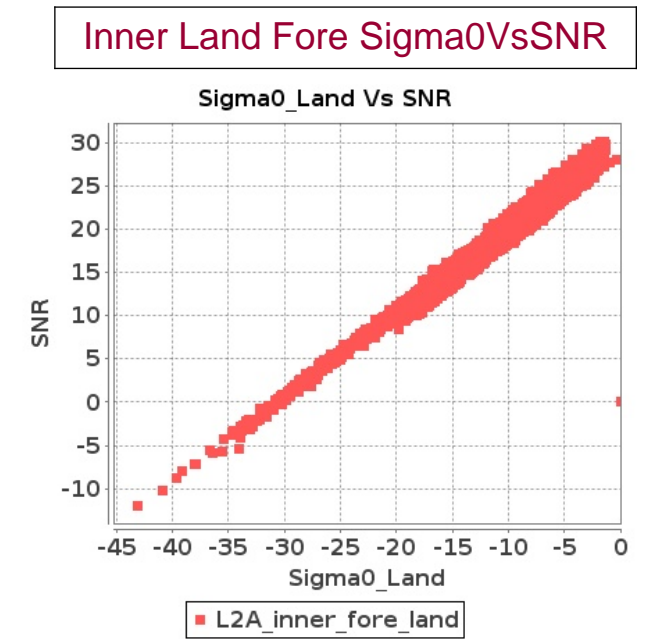
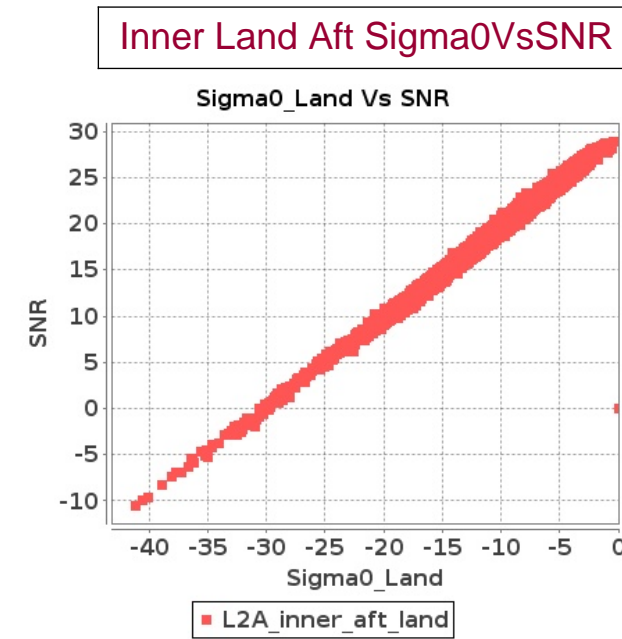
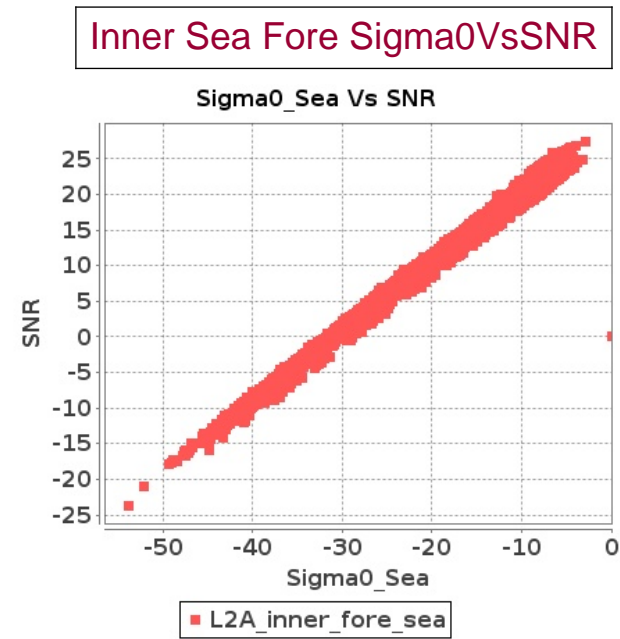
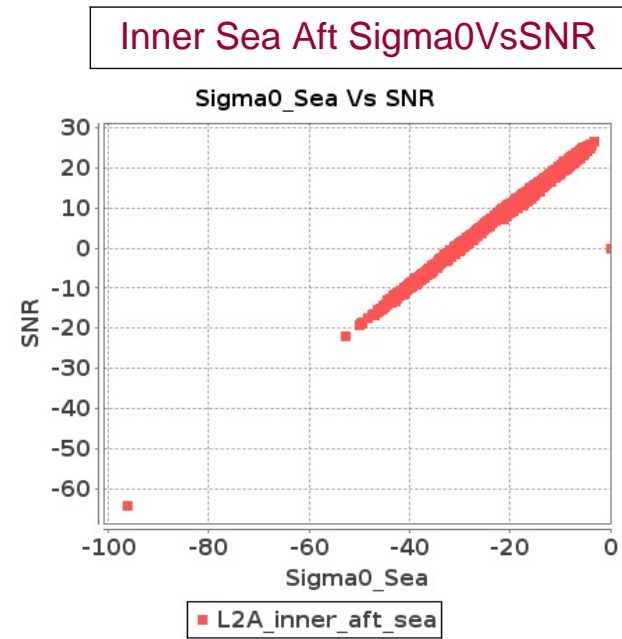


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 15-SEP-2018 To 16-SEP-2018



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

Report between 15-SEP-2018 To 16-SEP-2018

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | SNR | | | | | | | | | | | | Sigma0 | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | 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 | 10422 | 10423 | SN | 1 | 0.0 | 55.056 | 4.291 | 0.0 | 48.124 | 5.672 | 0.0 | 45.276 | 4.31 | 0.0 | 46.947 | 5.054 | 0.0 | 54.235 | 4.19 | 0.0 | 49.624 | 5.174 | 0.0 | 45.702 | 4.147 | 0.0 | 48.778 | 4.733 |
| 2 | 10422 | 10423 | SN | 1 | 0.0 | 49.249 | 1.289 | 0.0 | 46.506 | 1.71 | 0.0 | 42.674 | 1.198 | 0.0 | 40.677 | 1.505 | 0.0 | 49.852 | 1.297 | 0.0 | 46.377 | 1.567 | 0.0 | 41.185 | 1.179 | 0.0 | 44.726 | 1.276 |
| 3 | 10422 | 10423 | SN | 1 | 0.0 | 49.249 | 1.287 | 0.0 | 46.869 | 1.666 | 0.0 | 42.674 | 1.165 | 0.0 | 44.778 | 1.494 | 0.0 | 49.852 | 1.283 | 0.0 | 46.736 | 1.552 | 0.0 | 41.185 | 1.144 | 0.0 | 44.726 | 1.287 |
| 4 | 10422 | 10423 | SN | 1 | 0.0 | 47.994 | 1.289 | 0.0 | 46.681 | 1.675 | 0.0 | 43.067 | 1.175 | 0.0 | 47.781 | 1.501 | 0.0 | 48.601 | 1.283 | 0.0 | 46.548 | 1.584 | 0.0 | 43.718 | 1.138 | 0.0 | 44.189 | 1.308 |
| 5 | 10422 | 10423 | SN | 1 | 0.0 | 56.346 | 4.357 | 0.0 | 47.946 | 5.554 | 0.0 | 46.828 | 4.243 | 0.0 | 49.094 | 5.254 | 0.0 | 55.523 | 4.261 | 0.0 | 48.731 | 5.116 | 0.0 | 46.406 | 4.169 | 0.0 | 46.352 | 4.841 |
| 6 | 10422 | 10423 | SN | 1 | 0.0 | 56.346 | 4.342 | 0.0 | 48.313 | 5.631 | 0.0 | 46.826 | 4.36 | 0.0 | 49.094 | 5.104 | 0.0 | 55.523 | 4.261 | 0.0 | 48.731 | 5.184 | 0.0 | 46.406 | 4.189 | 0.0 | 46.352 | 4.79 |
| 7 | 10423 | 10424 | SN | 1 | 0.0 | 47.343 | 3.227 | 0.0 | 46.504 | 4.583 | 0.0 | 48.726 | 3.846 | 0.0 | 47.666 | 4.252 | 0.0 | 46.642 | 3.207 | 0.0 | 44.411 | 4.329 | 0.0 | 49.344 | 3.612 | 0.0 | 48.171 | 3.952 |
| 8 | 10423 | 10424 | SN | 1 | 0.0 | 39.892 | 0.936 | 0.0 | 43.116 | 1.32 | 0.0 | 41.203 | 1.026 | 0.0 | 39.676 | 1.336 | 0.0 | 40.416 | 0.895 | 0.0 | 44.825 | 1.165 | 0.0 | 41.714 | 1.012 | 0.0 | 39.471 | 1.22 |
| 9 | 10423 | 10424 | NS | 1 | 0.0 | 40.821 | 0.795 | 0.0 | 49.578 | 1.172 | 0.0 | 38.864 | 0.835 | 0.0 | 46.549 | 1.102 | 0.0 | 39.169 | 0.782 | 0.0 | 51.116 | 1.097 | 0.0 | 37.169 | 0.766 | 0.0 | 45.045 | 0.888 |
| 10 | 10423 | 10424 | SN | 1 | 0.0 | 47.343 | 3.149 | 0.0 | 46.504 | 4.632 | 0.0 | 48.726 | 3.887 | 0.0 | 47.666 | 4.285 | 0.0 | 46.642 | 3.139 | 0.0 | 44.411 | 4.333 | 0.0 | 49.344 | 3.649 | 0.0 | 48.171 | 3.989 |
| 11 | 10423 | 10424 | SN | 1 | 0.0 | 39.892 | 0.936 | 0.0 | 43.116 | 1.32 | 0.0 | 41.203 | 1.026 | 0.0 | 39.676 | 1.336 | 0.0 | 40.416 | 0.895 | 0.0 | 44.825 | 1.165 | 0.0 | 41.714 | 1.012 | 0.0 | 39.471 | 1.22 |
| 12 | 10423 | 10424 | NS | 1 | 0.0 | 40.821 | 0.795 | 0.0 | 49.578 | 1.165 | 0.0 | 40.089 | 0.841 | 0.0 | 46.549 | 1.104 | 0.0 | 39.169 | 0.789 | 0.0 | 51.116 | 1.097 | 0.0 | 37.507 | 0.763 | 0.0 | 45.045 | 0.881 |
| 13 | 10423 | 10424 | NS | 1 | 0.0 | 53.164 | 2.956 | 0.0 | 58.978 | 3.996 | 0.0 | 42.103 | 2.745 | 0.0 | 48.692 | 3.87 | 0.0 | 52.506 | 3.016 | 0.0 | 61.45 | 3.712 | 0.0 | 40.846 | 2.511 | 0.0 | 45.445 | 3.147 |
| 14 | 10423 | 10424 | NS | 1 | 0.0 | 53.164 | 2.996 | 0.0 | 58.978 | 3.996 | 0.0 | 41.376 | 2.682 | 0.0 | 45.59 | 3.848 | 0.0 | 52.506 | 3.016 | 0.0 | 61.45 | 3.712 | 0.0 | 40.846 | 2.483 | 0.0 | 41.312 | 3.147 |
| 15 | 10423 | 10424 | SN | 1 | 0.0 | 39.892 | 0.922 | 0.0 | 43.116 | 1.337 | 0.0 | 41.203 | 1.035 | 0.0 | 39.676 | 1.351 | 0.0 | 40.416 | 0.883 | 0.0 | 44.825 | 1.169 | 0.0 | 41.714 | 1.023 | 0.0 | 39.471 | 1.236 |
| 16 | 10423 | 10424 | SN | 1 | 0.0 | 47.343 | 3.227 | 0.0 | 46.504 | 4.583 | 0.0 | 48.726 | 3.846 | 0.0 | 47.666 | 4.252 | 0.0 | 46.642 | 3.207 | 0.0 | 44.411 | 4.329 | 0.0 | 49.344 | 3.612 | 0.0 | 48.171 | 3.952 |
| 17 | 10424 | 10425 | NS | 1 | 0.0 | 42.884 | 0.955 | 0.0 | 43.975 | 1.356 | 0.0 | 37.782 | 0.938 | 0.0 | 48.83 | 1.426 | 0.0 | 42.341 | 0.924 | 0.0 | 42.714 | 1.264 | 0.0 | 37.25 | 0.894 | 0.0 | 44.335 | 1.16 |
| 18 | 10424 | 10425 | NS | 1 | 0.0 | 49.1 | 3.623 | 0.0 | 55.364 | 4.807 | 0.0 | 47.515 | 3.057 | 0.0 | 46.06 | 4.58 | 0.0 | 49.444 | 3.582 | 0.0 | 58.358 | 4.402 | 0.0 | 47.522 | 2.801 | 0.0 | 46.848 | 3.914 |
| 19 | 10424 | 10425 | SN | 1 | 0.0 | 44.354 | 3.346 | 0.0 | 48.124 | 4.04 | 0.0 | 41.504 | 3.239 | 0.0 | 47.369 | 4.379 | 0.0 | 45.346 | 3.366 | 0.0 | 48.826 | 3.752 | 0.0 | 42.248 | 3.131 | 0.0 | 46.265 | 3.931 |
| 20 | 10424 | 10425 | SN | 1 | 0.0 | 44.275 | 3.336 | 0.0 | 48.124 | 4.02 | 0.0 | 39.651 | 3.289 | 0.0 | 47.369 | 4.361 | 0.0 | 45.265 | 3.336 | 0.0 | 48.826 | 3.764 | 0.0 | 39.453 | 3.145 | 0.0 | 46.265 | 3.921 |
| 21 | 10424 | 10425 | SN | 1 | 0.0 | 42.343 | 1.025 | 0.0 | 50.013 | 1.241 | 0.0 | 37.996 | 1.058 | 0.0 | 43.202 | 1.544 | 0.0 | 43.189 | 1.005 | 0.0 | 49.241 | 1.163 | 0.0 | 36.743 | 1.042 | 0.0 | 41.335 | 1.384 |
| 22 | 10424 | 10425 | SN | 1 | 0.0 | 42.753 | 1.026 | 0.0 | 50.013 | 1.24 | 0.0 | 37.996 | 1.045 | 0.0 | 43.202 | 1.53 | 0.0 | 43.599 | 1.008 | 0.0 | 49.241 | 1.154 | 0.0 | 36.743 | 1.038 | 0.0 | 41.335 | 1.364 |
| 23 | 10424 | 10425 | SN | 1 | 0.0 | 42.753 | 1.023 | 0.0 | 50.013 | 1.244 | 0.0 | 37.996 | 1.048 | 0.0 | 43.202 | 1.537 | 0.0 | 43.599 | 1.005 | 0.0 | 49.241 | 1.164 | 0.0 | 36.743 | 1.041 | 0.0 | 41.335 | 1.377 |
| 24 | 10424 | 10425 | NS | 1 | 0.0 | 40.545 | 0.942 | 0.0 | 49.962 | 1.472 | 0.0 | 44.568 | 0.966 | 0.0 | 50.213 | 1.414 | 0.0 | 41.16 | 0.921 | 0.0 | 49.716 | 1.393 | 0.0 | 44.189 | 0.932 | 0.0 | 45.302 | 1.221 |
| 25 | 10424 | 10425 | SN | 1 | 0.0 | 44.275 | 3.378 | 0.0 | 48.124 | 4.03 | 0.0 | 39.651 | 3.299 | 0.0 | 47.369 | 4.345 | 0.0 | 45.265 | 3.378 | 0.0 | 48.826 | 3.776 | 0.0 | 39.453 | 3.164 | 0.0 | 46.265 | 3.902 |
| 26 | 10424 | 10425 | NS | 1 | 0.0 | 49.062 | 3.482 | 0.0 | 55.364 | 4.632 | 0.0 | 41.436 | 3.164 | 0.0 | 51.136 | 4.536 | 0.0 | 49.404 | 3.472 | 0.0 | 58.358 | 4.218 | 0.0 | 40.898 | 3.086 | 0.0 | 51.805 | 3.834 |
| 27 | 10425 | 10426 | SN | 1 | 0.0 | 43.775 | 4.801 | 0.0 | 45.327 | 6.025 | 0.0 | 44.19 | 4.707 | 0.0 | 40.893 | 6.538 | 0.0 | 44.942 | 4.965 | 0.0 | 43.584 | 5.746 | 0.0 | 42.422 | 4.809 | 0.0 | 42.853 | 6.226 |
| 28 | 10425 | 10426 | SN | 1 | 0.0 | 39.746 | 1.312 | 0.0 | 42.488 | 1.697 | 0.0 | 42.453 | 1.544 | 0.0 | 38.302 | 2.14 | 0.0 | 40.817 | 1.301 | 0.0 | 40.744 | 1.651 | 0.0 | 40.618 | 1.481 | 0.0 | 37.099 | 1.897 |
| 29 | 10425 | 10426 | NS | 1 | 0.0 | 38.927 | 1.174 | 0.0 | 52.364 | 1.776 | 0.0 | 44.065 | 1.297 | 0.0 | 50.137 | 1.896 | 0.0 | 41.55 | 1.197 | 0.0 | 53.261 | 1.726 | 0.0 | 47.401 | 1.347 | 0.0 | 44.843 | 1.868 |
| 30 | 10425 | 10426 | NS | 1 | 0.0 | 39.0 | 1.167 | 0.0 | 52.364 | 1.753 | 0.0 | 44.065 | 1.255 | 0.0 | 50.137 | 1.909 | 0.0 | 41.621 | 1.201 | 0.0 | 53.261 | 1.717 | 0.0 | 47.401 | 1.304 | 0.0 | 44.843 | 1.861 |
| 31 | 10425 | 10426 | SN | 1 | 0.0 | 44.945 | 4.717 | 0.0 | 45.327 | 6.06 | 0.0 | 45.726 | 4.597 | 0.0 | 40.893 | 6.492 | 0.0 | 43.781 | 4.818 | 0.0 | 43.584 | 5.807 | 0.0 | 46.501 | 4.696 | 0.0 | 42.853 | 6.164 |

| | | | | | |
|--------------------------|------------|------|--------|----------|-------------|
| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
| | Range | 20.0 | 20.0 | Alarming | High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-------|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|
| 32 | 10425 | 10426 | SN | 1 | 0.0 | 44.947 | 4.717 | 0.0 | 45.327 | 6.06 | 0.0 | 45.725 | 4.597 | 0.0 | 40.893 | 6.492 | 0.0 | 43.781 | 4.818 | 0.0 | 43.584 | 5.817 | 0.0 | 46.501 | 4.697 | 0.0 | 42.853 | 6.164 |
| 33 | 10425 | 10426 | NS | 1 | 0.0 | 49.997 | 3.3 | 0.0 | 47.702 | 4.672 | 0.0 | 42.663 | 4.399 | 0.0 | 46.903 | 5.691 | 0.0 | 49.1 | 3.442 | 0.0 | 45.509 | 4.602 | 0.0 | 42.485 | 4.491 | 0.0 | 45.592 | 5.513 |
| 34 | 10425 | 10426 | NS | 1 | 0.0 | 44.752 | 3.341 | 0.0 | 47.702 | 4.662 | 0.0 | 42.663 | 4.349 | 0.0 | 47.095 | 5.754 | 0.0 | 46.276 | 3.432 | 0.0 | 45.509 | 4.541 | 0.0 | 42.485 | 4.477 | 0.0 | 45.785 | 5.57 |
| 35 | 10425 | 10426 | SN | 1 | 0.0 | 37.962 | 1.292 | 0.0 | 42.488 | 1.716 | 0.0 | 42.652 | 1.523 | 0.0 | 41.186 | 2.116 | 0.0 | 38.984 | 1.292 | 0.0 | 40.744 | 1.655 | 0.0 | 40.618 | 1.487 | 0.0 | 38.717 | 1.863 |
| 36 | 10425 | 10426 | SN | 1 | 0.0 | 37.962 | 1.292 | 0.0 | 42.488 | 1.716 | 0.0 | 42.652 | 1.523 | 0.0 | 41.186 | 2.116 | 0.0 | 38.984 | 1.292 | 0.0 | 40.744 | 1.655 | 0.0 | 40.618 | 1.487 | 0.0 | 38.717 | 1.863 |
| 37 | 10426 | 10427 | NS | 1 | 0.0 | 45.537 | 0.948 | 0.0 | 53.795 | 1.494 | 0.0 | 37.844 | 0.828 | 0.0 | 52.196 | 1.21 | 0.0 | 45.105 | 0.966 | 0.0 | 52.441 | 1.404 | 0.0 | 38.929 | 0.775 | 0.0 | 48.912 | 1.065 |
| 38 | 10426 | 10427 | SN | 1 | 0.0 | 39.02 | 2.093 | 0.0 | 46.395 | 3.492 | 0.0 | 36.995 | 3.354 | 0.0 | 41.812 | 4.414 | 0.0 | 39.738 | 2.02 | 0.0 | 49.886 | 3.084 | 0.0 | 36.716 | 3.288 | 0.0 | 43.345 | 3.973 |
| 39 | 10426 | 10427 | SN | 1 | 0.0 | 37.543 | 0.71 | 0.0 | 44.852 | 1.232 | 0.0 | 37.111 | 1.209 | 0.0 | 39.481 | 1.672 | 0.0 | 37.649 | 0.708 | 0.0 | 42.066 | 1.109 | 0.0 | 36.767 | 1.139 | 0.0 | 39.652 | 1.41 |
| 40 | 10426 | 10427 | SN | 1 | 0.0 | 39.018 | 2.267 | 0.0 | 46.223 | 3.546 | 0.0 | 39.452 | 3.285 | 0.0 | 42.245 | 4.453 | 0.0 | 39.738 | 2.247 | 0.0 | 48.854 | 3.191 | 0.0 | 36.96 | 3.271 | 0.0 | 43.778 | 3.961 |
| 41 | 10426 | 10427 | SN | 1 | 0.0 | 35.765 | 0.724 | 0.0 | 42.525 | 1.243 | 0.0 | 37.116 | 1.185 | 0.0 | 38.653 | 1.691 | 0.0 | 36.766 | 0.74 | 0.0 | 40.384 | 1.116 | 0.0 | 36.771 | 1.115 | 0.0 | 37.395 | 1.377 |
| 42 | 10426 | 10427 | SN | 1 | 0.0 | 35.547 | 0.719 | 0.0 | 44.852 | 1.232 | 0.0 | 37.111 | 1.174 | 0.0 | 37.54 | 1.646 | 0.0 | 35.897 | 0.724 | 0.0 | 42.066 | 1.1 | 0.0 | 36.767 | 1.113 | 0.0 | 37.507 | 1.385 |
| 43 | 10426 | 10427 | NS | 1 | 0.0 | 54.32 | 3.937 | 0.0 | 54.755 | 5.179 | 0.0 | 47.213 | 3.185 | 0.0 | 51.0 | 4.046 | 0.0 | 54.408 | 3.947 | 0.0 | 56.743 | 4.986 | 0.0 | 50.362 | 3.135 | 0.0 | 48.805 | 3.592 |
| 44 | 10426 | 10427 | NS | 1 | 0.0 | 54.32 | 3.968 | 0.0 | 54.812 | 5.138 | 0.0 | 47.213 | 3.192 | 0.0 | 51.62 | 4.074 | 0.0 | 54.408 | 3.957 | 0.0 | 56.802 | 4.946 | 0.0 | 50.36 | 3.142 | 0.0 | 49.427 | 3.628 |
| 45 | 10426 | 10427 | SN | 1 | 0.0 | 39.02 | 2.267 | 0.0 | 46.395 | 3.536 | 0.0 | 36.995 | 3.328 | 0.0 | 41.811 | 4.382 | 0.0 | 39.738 | 2.176 | 0.0 | 49.886 | 3.181 | 0.0 | 35.512 | 3.264 | 0.0 | 43.345 | 3.932 |
| 46 | 10426 | 10427 | NS | 1 | 0.0 | 45.692 | 0.953 | 0.0 | 53.795 | 1.496 | 0.0 | 37.886 | 0.823 | 0.0 | 52.816 | 1.212 | 0.0 | 45.257 | 0.971 | 0.0 | 52.441 | 1.413 | 0.0 | 38.495 | 0.771 | 0.0 | 49.533 | 1.065 |
| 47 | 10427 | 10428 | NS | 1 | 0.0 | 52.91 | 9.731 | 0.0 | 57.299 | 10.884 | 0.0 | 45.629 | 7.629 | 0.0 | 50.711 | 9.316 | 0.0 | 52.808 | 9.57 | 0.0 | 59.567 | 10.598 | 0.0 | 46.11 | 7.742 | 0.0 | 53.386 | 8.672 |
| 48 | 10427 | 10428 | NS | 1 | 0.0 | 50.814 | 2.637 | 0.0 | 47.142 | 3.36 | 0.0 | 43.718 | 1.964 | 0.0 | 50.042 | 2.9 | 0.0 | 50.977 | 2.717 | 0.0 | 47.579 | 3.324 | 0.0 | 42.735 | 1.955 | 0.0 | 50.559 | 2.714 |
| 49 | 10427 | 10428 | SN | 1 | 0.0 | 46.8 | 4.93 | 0.0 | 47.807 | 6.757 | 0.0 | 48.033 | 4.48 | 0.0 | 44.569 | 5.787 | 0.0 | 46.333 | 4.798 | 0.0 | 47.716 | 6.087 | 0.0 | 47.445 | 4.232 | 0.0 | 42.003 | 5.238 |
| 50 | 10427 | 10428 | NS | 1 | 0.0 | 52.91 | 6.163 | 0.0 | 57.183 | 6.766 | 0.0 | 45.503 | 5.624 | 0.0 | 50.731 | 6.561 | 0.0 | 52.698 | 6.093 | 0.0 | 59.45 | 6.726 | 0.0 | 45.987 | 5.581 | 0.0 | 53.405 | 6.157 |
| 51 | 10427 | 10428 | SN | 1 | 0.0 | 45.57 | 1.317 | 0.0 | 44.512 | 1.91 | 0.0 | 39.128 | 1.359 | 0.0 | 42.792 | 2.001 | 0.0 | 46.673 | 1.289 | 0.0 | 44.372 | 1.661 | 0.0 | 37.031 | 1.247 | 0.0 | 39.816 | 1.677 |
| 52 | 10427 | 10428 | NS | 1 | 0.0 | 51.026 | 1.674 | 0.0 | 47.143 | 2.181 | 0.0 | 43.717 | 1.569 | 0.0 | 50.579 | 2.101 | 0.0 | 51.19 | 1.717 | 0.0 | 47.589 | 2.163 | 0.0 | 42.735 | 1.555 | 0.0 | 51.096 | 1.979 |
| 53 | 10428 | 10429 | NS | 1 | 0.0 | 47.983 | 1.872 | 0.0 | 51.029 | 2.879 | 0.0 | 42.414 | 1.958 | 0.0 | 46.215 | 2.619 | 0.0 | 48.687 | 1.881 | 0.0 | 51.428 | 2.724 | 0.0 | 40.042 | 1.926 | 0.0 | 50.186 | 2.29 |
| 54 | 10428 | 10429 | SN | 1 | 0.0 | 55.004 | 1.68 | 0.0 | 51.469 | 2.58 | 0.0 | 48.936 | 1.514 | 0.0 | 44.94 | 2.415 | 0.0 | 54.329 | 1.673 | 0.0 | 51.914 | 2.458 | 0.0 | 49.516 | 1.424 | 0.0 | 43.848 | 2.258 |
| 55 | 10428 | 10429 | SN | 1 | 0.0 | 52.694 | 6.778 | 0.0 | 51.272 | 8.878 | 0.0 | 49.985 | 5.497 | 0.0 | 51.86 | 7.446 | 0.0 | 53.198 | 6.768 | 0.0 | 53.265 | 8.746 | 0.0 | 51.672 | 5.462 | 0.0 | 48.755 | 7.289 |
| 56 | 10428 | 10429 | NS | 1 | 0.0 | 53.692 | 6.544 | 0.0 | 55.828 | 8.363 | 0.0 | 44.605 | 6.616 | 0.0 | 47.607 | 7.843 | 0.0 | 52.422 | 6.736 | 0.0 | 56.483 | 7.938 | 0.0 | 46.857 | 6.644 | 0.0 | 48.504 | 7.233 |
| 57 | 10429 | 10430 | SN | 1 | 0.0 | 49.676 | 4.874 | 0.0 | 50.98 | 6.35 | 0.0 | 47.287 | 3.966 | 0.0 | 50.146 | 4.967 | 0.0 | 48.613 | 4.996 | 0.0 | 52.323 | 6.006 | 0.0 | 44.862 | 3.856 | 0.0 | 47.467 | 4.49 |
| 58 | 10429 | 10430 | SN | 1 | 0.0 | 48.014 | 1.384 | 0.0 | 46.014 | 2.144 | 0.0 | 41.014 | 1.099 | 0.0 | 41.825 | 1.602 | 0.0 | 49.105 | 1.429 | 0.0 | 44.812 | 2.006 | 0.0 | 41.801 | 1.083 | 0.0 | 41.879 | 1.419 |
| 59 | 10429 | 10430 | NS | 1 | 0.142 | 45.367 | 3.971 | 0.0 | 51.995 | 5.379 | 0.0 | 40.652 | 3.817 | 0.0 | 46.048 | 5.377 | 0.251 | 47.076 | 3.91 | 0.0 | 51.86 | 4.994 | 0.0 | 41.765 | 3.739 | 0.0 | 46.053 | 4.789 |
| 60 | 10429 | 10430 | NS | 1 | 0.0 | 44.001 | 0.933 | 0.0 | 48.686 | 1.611 | 0.0 | 37.886 | 1.22 | 0.0 | 41.993 | 1.836 | 0.0 | 43.646 | 0.945 | 0.0 | 47.739 | 1.464 | 0.0 | 38.615 | 1.092 | 0.0 | 43.468 | 1.516 |
| 61 | 10429 | 10430 | SN | 1 | 0.0 | 51.119 | 1.366 | 0.0 | 46.814 | 2.163 | 0.0 | 41.5 | 1.14 | 0.0 | 40.997 | 1.556 | 0.0 | 50.016 | 1.42 | 0.0 | 48.336 | 1.99 | 0.0 | 41.63 | 1.119 | 0.0 | 41.534 | 1.401 |
| 62 | 10429 | 10430 | SN | 1 | 0.0 | 49.676 | 5.873 | 0.0 | 50.98 | 7.892 | 0.0 | 47.262 | 4.474 | 0.0 | 50.146 | 5.975 | 0.0 | 48.613 | 6.024 | 0.0 | 52.323 | 7.578 | 0.0 | 46.663 | 4.36 | 0.0 | 47.467 | 5.454 |
| 63 | 10429 | 10430 | SN | 1 | 0.0 | 54.663 | 5.994 | 0.0 | 48.13 | 7.73 | 0.0 | 46.145 | 4.531 | 0.0 | 44.1 | 5.954 | 0.0 | 56.483 | 6.014 | 0.0 | 49.475 | 7.446 | 0.0 | 44.082 | 4.367 | 0.0 | 44.513 | 5.625 |
| 64 | 10429 | 10430 | SN | 1 | 0.0 | 45.321 | 1.2 | 0.0 | 46.814 | 1.85 | 0.0 | 41.5 | 1.039 | 0.0 | 40.997 | 1.375 | 0.0 | 44.37 | 1.228 | 0.0 | 48.336 | 1.664 | 0.0 | 41.621 | 1.012 | 0.0 | 41.534 | 1.197 |
| 65 | 10430 | 10431 | NS | 1 | 0.0 | 43.632 | 1.922 | 0.0 | 51.962 | 2.524 | 0.0 | 37.043 | 1.704 | 0.0 | 45.456 | 2.42 | 0.0 | 44.254 | 1.924 | 0.0 | 49.938 | 2.452 | 0.0 | 39.738 | 1.671 | 0.0 | 43.895 | 2.229 |
| 66 | 10430 | 10431 | SN | 1 | 0.0 | 51.04 | 0.895 | 0.0 | 50.428 | 1.379 | 0.0 | 36.333 | 0.792 | 0.0 | 40.118 | 1.266 | 0.0 | 49.265 | 0.916 | 0.0 | 50.883 | 1.277 | 0.0 | 37.318 | 0.687 | 0.0 | 39.073 | 1.083 |
| 67 | 10430 | 10431 | NS | 1 | 0.0 | 51.661 | 6.742 | 0.0 | 54.427 | 8.212 | 0.0 | 46.102 | 6.002 | 0.0 | 49.478 | 8.093 | 0.0 | 51.347 | 6.772 | 0.0 | 55.51 | 7.888 | 0.0 | 44.838 | 6.058 | 0.0 | 50.566 | 7.469 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 10430 | 10431 | NS | 1 | 0.0 | 51.806 | 6.752 | 0.0 | 48.269 | 8.182 | 0.0 | 46.102 | 5.973 | 0.0 | 49.597 | 8.043 | 0.0 | 51.494 | 6.863 | 0.0 | 49.726 | 7.939 | 0.0 | 44.838 | 5.917 | 0.0 | 50.737 | 7.498 |
| 69 | 10430 | 10431 | SN | 1 | 0.0 | 51.04 | 0.895 | 0.0 | 50.428 | 1.379 | 0.0 | 36.333 | 0.792 | 0.0 | 40.118 | 1.266 | 0.0 | 49.265 | 0.916 | 0.0 | 50.883 | 1.277 | 0.0 | 37.318 | 0.687 | 0.0 | 39.073 | 1.083 |
| 70 | 10430 | 10431 | SN | 1 | 0.0 | 52.482 | 3.728 | 0.0 | 52.876 | 5.201 | 0.0 | 40.869 | 3.256 | 0.0 | 41.927 | 4.423 | 0.0 | 52.389 | 3.769 | 0.0 | 53.826 | 4.957 | 0.0 | 41.265 | 3.121 | 0.0 | 40.795 | 3.967 |
| 71 | 10430 | 10431 | SN | 1 | 0.0 | 52.482 | 3.728 | 0.0 | 52.876 | 5.201 | 0.0 | 40.869 | 3.256 | 0.0 | 41.927 | 4.423 | 0.0 | 52.389 | 3.769 | 0.0 | 53.826 | 4.957 | 0.0 | 41.265 | 3.121 | 0.0 | 40.795 | 3.967 |
| 72 | 10430 | 10431 | NS | 1 | 0.0 | 43.632 | 1.918 | 0.0 | 51.962 | 2.562 | 0.0 | 37.584 | 1.703 | 0.0 | 46.429 | 2.422 | 0.0 | 44.254 | 1.915 | 0.0 | 49.938 | 2.481 | 0.0 | 38.104 | 1.664 | 0.0 | 44.118 | 2.246 |
| 73 | 10431 | 10432 | SN | 1 | 0.0 | 46.644 | 5.413 | 0.0 | 50.994 | 6.378 | 0.0 | 47.344 | 4.2 | 0.0 | 45.463 | 5.752 | 0.0 | 45.967 | 5.342 | 0.0 | 49.307 | 6.104 | 0.0 | 46.848 | 4.08 | 0.0 | 45.895 | 5.36 |
| 74 | 10431 | 10432 | NS | 1 | 0.0 | 54.926 | 6.609 | 0.0 | 55.288 | 8.591 | 0.0 | 49.235 | 5.659 | 0.0 | 48.695 | 7.565 | 0.0 | 55.544 | 6.69 | 0.0 | 55.37 | 8.287 | 0.0 | 49.011 | 5.446 | 0.0 | 47.239 | 7.005 |
| 75 | 10431 | 10432 | NS | 1 | 0.0 | 48.808 | 1.649 | 0.0 | 52.784 | 2.504 | 0.0 | 48.313 | 1.55 | 0.0 | 45.203 | 2.389 | 0.0 | 50.593 | 1.669 | 0.0 | 52.933 | 2.38 | 0.0 | 47.325 | 1.484 | 0.0 | 42.28 | 2.09 |
| 76 | 10431 | 10432 | NS | 1 | 0.0 | 48.89 | 1.656 | 0.0 | 52.784 | 2.518 | 0.0 | 52.768 | 1.543 | 0.0 | 48.2 | 2.407 | 0.0 | 50.673 | 1.654 | 0.0 | 52.933 | 2.385 | 0.0 | 51.815 | 1.486 | 0.0 | 47.182 | 2.109 |
| 77 | 10431 | 10432 | NS | 1 | 0.0 | 54.894 | 6.629 | 0.0 | 54.304 | 8.661 | 0.0 | 48.345 | 5.61 | 0.0 | 47.527 | 7.558 | 0.0 | 55.512 | 6.75 | 0.0 | 55.473 | 8.348 | 0.0 | 48.881 | 5.468 | 0.0 | 47.216 | 6.99 |
| 78 | 10431 | 10432 | SN | 1 | 0.0 | 46.856 | 1.281 | 0.0 | 49.239 | 1.731 | 0.0 | 48.034 | 1.161 | 0.0 | 40.828 | 1.8 | 0.0 | 46.754 | 1.293 | 0.0 | 45.815 | 1.57 | 0.0 | 46.293 | 1.134 | 0.0 | 40.921 | 1.654 |
| 79 | 10432 | 10433 | NS | 1 | 0.0 | 49.272 | 3.471 | 0.0 | 48.709 | 4.735 | 0.0 | 50.995 | 3.021 | 0.0 | 41.401 | 3.906 | 0.0 | 50.19 | 3.471 | 0.0 | 47.689 | 4.462 | 0.0 | 47.467 | 2.879 | 0.0 | 41.398 | 3.353 |
| 80 | 10432 | 10433 | NS | 1 | 0.0 | 43.133 | 0.811 | 0.0 | 48.83 | 1.28 | 0.0 | 44.489 | 0.83 | 0.0 | 52.555 | 1.279 | 0.0 | 43.301 | 0.802 | 0.0 | 50.063 | 1.206 | 0.0 | 43.55 | 0.74 | 0.0 | 50.802 | 1.012 |
| 81 | 10432 | 10433 | SN | 1 | 0.0 | 49.062 | 1.077 | 0.0 | 51.165 | 1.327 | 0.0 | 40.428 | 1.069 | 0.0 | 43.519 | 1.431 | 0.0 | 49.797 | 1.052 | 0.0 | 53.001 | 1.155 | 0.0 | 40.655 | 1.0 | 0.0 | 40.277 | 1.226 |
| 82 | 10432 | 10433 | SN | 1 | 0.0 | 51.015 | 4.365 | 0.0 | 54.521 | 5.05 | 0.0 | 48.331 | 3.897 | 0.0 | 50.115 | 4.768 | 0.0 | 50.519 | 4.354 | 0.0 | 54.303 | 4.685 | 0.0 | 47.199 | 3.698 | 0.0 | 51.878 | 4.232 |
| 83 | 10433 | 10434 | NS | 1 | 0.0 | 44.458 | 1.124 | 0.0 | 47.433 | 1.681 | 0.0 | 40.282 | 1.206 | 0.0 | 54.798 | 1.906 | 0.0 | 43.809 | 1.126 | 0.0 | 48.577 | 1.64 | 0.0 | 40.502 | 1.134 | 0.0 | 51.494 | 1.636 |
| 84 | 10433 | 10434 | NS | 1 | 0.0 | 47.798 | 4.684 | 0.184 | 52.296 | 6.107 | 0.0 | 46.873 | 4.113 | 0.0 | 50.059 | 5.625 | 0.0 | 47.725 | 4.633 | 0.395 | 51.807 | 5.784 | 0.0 | 48.247 | 3.915 | 0.0 | 50.47 | 4.733 |
| 85 | 10437 | 10438 | SN | 1 | 0.0 | 48.766 | 1.646 | 0.0 | 53.091 | 1.973 | 0.0 | 40.697 | 1.095 | 0.0 | 39.574 | 1.557 | 0.0 | 49.718 | 1.63 | 0.0 | 55.742 | 1.921 | 0.0 | 40.874 | 1.062 | 0.0 | 39.416 | 1.398 |
| 86 | 10437 | 10438 | NS | 1 | 0.0 | 56.329 | 1.762 | 0.0 | 56.206 | 2.274 | 0.0 | 43.22 | 1.485 | 0.0 | 43.602 | 1.907 | 0.0 | 55.996 | 1.782 | 0.0 | 57.687 | 2.109 | 0.0 | 41.57 | 1.386 | 0.0 | 43.275 | 1.642 |
| 87 | 10437 | 10438 | SN | 1 | 0.0 | 50.748 | 6.632 | 0.0 | 54.546 | 7.532 | 0.0 | 53.183 | 4.539 | 0.0 | 43.468 | 5.463 | 0.0 | 50.839 | 6.57 | 0.0 | 54.442 | 7.201 | 0.0 | 51.601 | 4.24 | 0.0 | 46.016 | 4.895 |
| 88 | 10437 | 10438 | SN | 1 | 0.0 | 50.748 | 6.559 | 0.0 | 54.546 | 7.541 | 0.0 | 53.183 | 4.586 | 0.0 | 43.468 | 5.401 | 0.0 | 50.839 | 6.498 | 0.0 | 54.442 | 7.187 | 0.0 | 51.601 | 4.295 | 0.0 | 46.016 | 4.851 |
| 89 | 10437 | 10438 | NS | 1 | 0.0 | 53.99 | 7.309 | 0.0 | 52.81 | 8.646 | 0.0 | 44.823 | 5.236 | 0.0 | 46.521 | 6.335 | 0.0 | 56.117 | 7.37 | 0.0 | 53.459 | 8.12 | 0.0 | 44.461 | 5.115 | 0.0 | 44.618 | 5.506 |
| 90 | 10437 | 10438 | NS | 1 | 0.0 | 54.569 | 7.309 | 0.0 | 52.886 | 8.636 | 0.0 | 47.145 | 5.243 | 0.0 | 48.989 | 6.442 | 0.0 | 55.936 | 7.38 | 0.0 | 53.316 | 8.08 | 0.0 | 44.726 | 5.108 | 0.0 | 45.252 | 5.591 |
| 91 | 10437 | 10438 | SN | 1 | 0.0 | 48.766 | 1.637 | 0.0 | 53.091 | 1.974 | 0.0 | 38.851 | 1.091 | 0.0 | 39.574 | 1.568 | 0.0 | 49.718 | 1.635 | 0.0 | 55.742 | 1.942 | 0.0 | 38.851 | 1.06 | 0.0 | 39.416 | 1.398 |
| 92 | 10437 | 10438 | NS | 1 | 0.0 | 53.836 | 1.791 | 0.0 | 56.206 | 2.287 | 0.0 | 42.31 | 1.501 | 0.0 | 46.156 | 1.903 | 0.0 | 55.936 | 1.807 | 0.0 | 57.687 | 2.127 | 0.0 | 39.201 | 1.389 | 0.0 | 45.378 | 1.613 |
| 93 | 10438 | 10439 | SN | 1 | 0.0 | 50.287 | 2.724 | 0.0 | 50.312 | 3.331 | 0.0 | 43.141 | 2.875 | 0.0 | 42.389 | 3.346 | 0.0 | 49.703 | 2.805 | 0.0 | 48.021 | 3.25 | 0.0 | 45.299 | 2.803 | 0.0 | 38.772 | 3.218 |
| 94 | 10438 | 10439 | NS | 1 | 0.0 | 46.473 | 2.166 | 0.0 | 45.793 | 2.983 | 0.0 | 43.766 | 2.228 | 0.0 | 48.454 | 2.509 | 0.0 | 45.5 | 2.166 | 0.0 | 45.377 | 2.781 | 0.0 | 43.773 | 1.951 | 0.0 | 48.639 | 2.069 |
| 95 | 10438 | 10439 | NS | 1 | 0.0 | 46.472 | 2.186 | 0.0 | 45.749 | 2.983 | 0.0 | 43.008 | 2.199 | 0.0 | 49.98 | 2.558 | 0.0 | 45.5 | 2.197 | 0.0 | 45.335 | 2.74 | 0.0 | 43.016 | 1.923 | 0.0 | 48.199 | 2.105 |
| 96 | 10438 | 10439 | SN | 1 | 0.0 | 48.468 | 2.681 | 0.0 | 50.313 | 3.365 | 0.0 | 47.962 | 2.862 | 0.0 | 42.389 | 3.373 | 0.0 | 49.703 | 2.742 | 0.0 | 48.022 | 3.283 | 0.0 | 46.157 | 2.804 | 0.0 | 38.772 | 3.244 |
| 97 | 10438 | 10439 | SN | 1 | 0.0 | 48.468 | 2.681 | 0.0 | 50.313 | 3.365 | 0.0 | 47.962 | 2.862 | 0.0 | 42.389 | 3.373 | 0.0 | 49.703 | 2.742 | 0.0 | 48.022 | 3.283 | 0.0 | 46.157 | 2.804 | 0.0 | 38.772 | 3.244 |
| 98 | 10438 | 10439 | NS | 1 | 0.0 | 40.955 | 0.667 | 0.0 | 52.191 | 0.818 | 0.0 | 40.759 | 0.616 | 0.0 | 44.161 | 0.831 | 0.0 | 42.88 | 0.667 | 0.0 | 57.674 | 0.694 | 0.0 | 38.903 | 0.559 | 0.0 | 42.066 | 0.619 |
| 99 | 10438 | 10439 | NS | 1 | 0.0 | 49.108 | 0.667 | 0.0 | 52.191 | 0.822 | 0.0 | 40.759 | 0.612 | 0.0 | 44.603 | 0.821 | 0.0 | 48.255 | 0.658 | 0.0 | 57.675 | 0.717 | 0.0 | 38.903 | 0.543 | 0.0 | 42.228 | 0.603 |
| 100 | 10438 | 10439 | SN | 1 | 0.0 | 44.134 | 0.697 | 0.0 | 39.107 | 0.946 | 0.0 | 37.04 | 0.865 | 0.0 | 38.147 | 1.076 | 0.0 | 44.822 | 0.709 | 0.0 | 37.382 | 0.935 | 0.0 | 36.544 | 0.874 | 0.0 | 40.211 | 0.977 |
| 101 | 10438 | 10439 | SN | 1 | 0.0 | 44.134 | 0.697 | 0.0 | 39.107 | 0.946 | 0.0 | 37.04 | 0.865 | 0.0 | 38.147 | 1.076 | 0.0 | 44.822 | 0.709 | 0.0 | 37.382 | 0.935 | 0.0 | 36.544 | 0.874 | 0.0 | 40.211 | 0.977 |
| 102 | 10438 | 10439 | SN | 1 | 0.0 | 44.134 | 0.699 | 0.0 | 39.107 | 0.937 | 0.0 | 37.676 | 0.86 | 0.0 | 38.147 | 1.063 | 0.0 | 44.822 | 0.708 | 0.0 | 37.382 | 0.928 | 0.0 | 36.544 | 0.869 | 0.0 | 40.211 | 0.967 |
| 103 | 10439 | 10440 | SN | 1 | 0.0 | 46.503 | 5.356 | 0.0 | 48.48 | 5.417 | 0.0 | 39.857 | 4.352 | 0.0 | 39.582 | 5.588 | 0.0 | 46.352 | 5.346 | 0.0 | 48.951 | 5.356 | 0.0 | 38.918 | 4.466 | 0.0 | 38.495 | 5.46 |

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|--------------------------|------------|------|--------|----------|-------------|
| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
| | Range | 20.0 | 20.0 | Alarming | High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 10439 | 10440 | SN | 1 | 0.0 | 46.503 | 5.433 | 0.0 | 48.48 | 5.49 | 0.0 | 39.857 | 4.403 | 0.0 | 39.582 | 5.669 | 0.0 | 46.352 | 5.423 | 0.0 | 48.951 | 5.428 | 0.0 | 38.918 | 4.54 | 0.0 | 38.495 | 5.545 |
| 105 | 10439 | 10440 | NS | 1 | 0.0 | 45.132 | 1.474 | 0.0 | 44.937 | 2.059 | 0.0 | 45.961 | 1.364 | 0.0 | 48.585 | 1.949 | 0.0 | 46.626 | 1.456 | 0.0 | 44.129 | 1.996 | 0.0 | 45.71 | 1.426 | 0.0 | 47.919 | 1.884 |
| 106 | 10439 | 10440 | NS | 1 | 0.0 | 52.241 | 4.655 | 0.0 | 51.664 | 6.65 | 0.0 | 47.634 | 4.682 | 0.0 | 46.388 | 6.214 | 0.0 | 52.464 | 4.706 | 0.0 | 50.585 | 6.266 | 0.0 | 48.825 | 4.752 | 0.0 | 45.909 | 6.2 |
| 107 | 10439 | 10440 | SN | 1 | 0.0 | 36.534 | 1.333 | 0.0 | 42.926 | 1.571 | 0.0 | 44.11 | 1.553 | 0.0 | 43.55 | 1.961 | 0.0 | 37.481 | 1.326 | 0.0 | 43.392 | 1.553 | 0.0 | 44.1 | 1.564 | 0.0 | 42.317 | 1.777 |
| 108 | 10439 | 10440 | SN | 1 | 0.0 | 36.534 | 1.314 | 0.0 | 42.926 | 1.554 | 0.0 | 44.11 | 1.543 | 0.0 | 43.55 | 1.935 | 0.0 | 37.481 | 1.307 | 0.0 | 43.392 | 1.534 | 0.0 | 44.1 | 1.552 | 0.0 | 42.317 | 1.752 |
| 109 | 10440 | 10441 | SN | 1 | 0.0 | 47.694 | 1.256 | 0.0 | 42.598 | 1.514 | 0.0 | 36.891 | 1.336 | 0.0 | 39.572 | 1.855 | 0.0 | 46.708 | 1.24 | 0.0 | 42.94 | 1.373 | 0.0 | 34.696 | 1.256 | 0.0 | 36.853 | 1.629 |
| 110 | 10440 | 10441 | NS | 1 | 0.0 | 46.774 | 1.377 | 0.0 | 58.707 | 2.059 | 0.0 | 42.742 | 1.088 | 0.0 | 43.027 | 1.723 | 0.0 | 46.432 | 1.386 | 0.0 | 57.411 | 1.946 | 0.0 | 42.38 | 1.007 | 0.0 | 42.147 | 1.519 |
| 111 | 10440 | 10441 | SN | 1 | 0.0 | 43.585 | 1.217 | 0.0 | 43.888 | 1.54 | 0.0 | 36.317 | 1.284 | 0.0 | 39.572 | 1.914 | 0.0 | 42.427 | 1.215 | 0.0 | 44.228 | 1.409 | 0.0 | 36.329 | 1.195 | 0.0 | 36.853 | 1.689 |
| 112 | 10440 | 10441 | SN | 1 | 0.0 | 44.114 | 5.128 | 0.0 | 44.269 | 5.69 | 0.0 | 40.524 | 4.264 | 0.0 | 44.783 | 5.436 | 0.0 | 45.626 | 5.159 | 0.0 | 44.367 | 5.358 | 0.0 | 42.494 | 4.257 | 0.0 | 42.181 | 4.99 |
| 113 | 10440 | 10441 | SN | 1 | 0.0 | 44.114 | 5.205 | 0.0 | 46.877 | 5.783 | 0.0 | 45.145 | 4.125 | 0.0 | 44.783 | 5.553 | 0.0 | 44.809 | 5.265 | 0.0 | 47.394 | 5.469 | 0.0 | 45.43 | 4.139 | 0.0 | 42.181 | 5.153 |
| 114 | 10440 | 10441 | NS | 1 | 0.0 | 52.463 | 5.667 | 0.0 | 50.977 | 6.996 | 0.0 | 43.669 | 4.242 | 0.0 | 48.563 | 5.583 | 0.0 | 54.158 | 5.677 | 0.0 | 54.007 | 6.561 | 0.0 | 44.359 | 4.164 | 0.0 | 47.174 | 5.179 |
| 115 | 10441 | 10442 | SN | 1 | 0.0 | 45.477 | 4.599 | 0.0 | 47.269 | 6.004 | 0.0 | 45.497 | 4.096 | 0.0 | 40.737 | 5.123 | 0.0 | 45.06 | 4.65 | 0.0 | 48.398 | 5.863 | 0.0 | 47.665 | 4.11 | 0.0 | 40.838 | 5.059 |
| 116 | 10441 | 10442 | NS | 1 | 0.0 | 44.017 | 1.332 | 0.0 | 52.204 | 1.71 | 0.0 | 38.397 | 1.092 | 0.0 | 42.19 | 1.493 | 0.0 | 45.147 | 1.332 | 0.0 | 56.884 | 1.656 | 0.0 | 37.913 | 1.124 | 0.0 | 43.141 | 1.332 |
| 117 | 10441 | 10442 | NS | 1 | 0.0 | 53.634 | 4.588 | 0.0 | 50.431 | 5.458 | 0.0 | 43.632 | 4.152 | 0.0 | 45.041 | 4.938 | 0.0 | 53.486 | 4.608 | 0.0 | 52.481 | 5.196 | 0.0 | 45.254 | 3.981 | 0.0 | 48.443 | 4.478 |
| 118 | 10441 | 10442 | SN | 1 | 0.0 | 41.347 | 1.106 | 0.0 | 40.18 | 1.592 | 0.0 | 38.519 | 1.156 | 0.0 | 41.614 | 1.696 | 0.0 | 41.918 | 1.142 | 0.0 | 42.67 | 1.572 | 0.0 | 39.702 | 1.119 | 0.0 | 41.008 | 1.554 |
| 119 | 10442 | 10443 | SN | 1 | 0.0 | 47.563 | 1.724 | 0.0 | 42.94 | 2.767 | 0.0 | 39.8 | 1.405 | 0.0 | 43.912 | 2.391 | 0.0 | 46.186 | 1.692 | 0.0 | 41.303 | 2.586 | 0.0 | 37.839 | 1.376 | 0.0 | 41.189 | 2.202 |
| 120 | 10442 | 10443 | SN | 1 | 0.0 | 47.563 | 1.663 | 0.0 | 42.94 | 2.736 | 0.0 | 39.8 | 1.383 | 0.0 | 43.912 | 2.363 | 0.0 | 46.186 | 1.633 | 0.0 | 41.303 | 2.54 | 0.0 | 37.839 | 1.351 | 0.0 | 41.189 | 2.177 |
| 121 | 10442 | 10443 | NS | 1 | 0.0 | 50.472 | 1.426 | 0.0 | 49.334 | 1.906 | 0.0 | 39.976 | 1.419 | 0.0 | 48.364 | 1.965 | 0.0 | 51.236 | 1.422 | 0.0 | 50.763 | 1.809 | 0.0 | 40.961 | 1.324 | 0.0 | 47.7 | 1.684 |
| 122 | 10442 | 10443 | SN | 1 | 0.0 | 48.777 | 6.423 | 0.0 | 46.976 | 9.728 | 0.0 | 42.813 | 5.055 | 0.0 | 43.919 | 7.428 | 0.0 | 48.195 | 6.495 | 0.0 | 49.752 | 9.388 | 0.0 | 43.98 | 5.04 | 0.0 | 43.845 | 6.949 |
| 123 | 10442 | 10443 | NS | 1 | 0.0 | 57.244 | 4.677 | 0.0 | 57.234 | 5.157 | 0.0 | 48.333 | 4.796 | 0.0 | 47.142 | 5.584 | 0.0 | 56.471 | 4.626 | 0.0 | 58.682 | 4.915 | 0.0 | 50.232 | 4.704 | 0.0 | 50.31 | 5.138 |
| 124 | 10442 | 10443 | SN | 1 | 0.0 | 48.777 | 6.66 | 0.0 | 46.976 | 9.904 | 0.0 | 42.142 | 5.142 | 0.0 | 43.919 | 7.477 | 0.0 | 48.195 | 6.72 | 0.0 | 49.752 | 9.57 | 0.0 | 42.49 | 5.149 | 0.0 | 43.845 | 7.035 |
| 125 | 10443 | 10444 | SN | 1 | 0.0 | 53.687 | 7.018 | 0.0 | 55.008 | 8.238 | 0.0 | 50.437 | 5.422 | 0.0 | 44.645 | 6.206 | 0.0 | 54.658 | 7.073 | 0.0 | 52.156 | 8.074 | 0.0 | 50.359 | 5.476 | 0.0 | 46.904 | 6.028 |
| 126 | 10443 | 10444 | SN | 1 | 0.0 | 54.264 | 1.782 | 0.0 | 43.848 | 2.269 | 0.0 | 39.431 | 1.362 | 0.0 | 41.794 | 1.853 | 0.0 | 54.122 | 1.816 | 0.0 | 44.435 | 2.201 | 0.0 | 39.334 | 1.364 | 0.0 | 41.175 | 1.726 |
| 127 | 10443 | 10444 | NS | 1 | 0.0 | 45.394 | 1.374 | 0.0 | 55.234 | 2.098 | 0.0 | 40.46 | 1.318 | 0.0 | 52.548 | 2.188 | 0.0 | 44.715 | 1.41 | 0.0 | 53.477 | 2.053 | 0.0 | 37.953 | 1.331 | 0.0 | 53.536 | 2.034 |
| 128 | 10443 | 10444 | NS | 1 | 0.0 | 55.508 | 5.628 | 0.0 | 52.581 | 7.118 | 0.0 | 40.072 | 4.781 | 0.0 | 40.986 | 6.3 | 0.0 | 55.836 | 5.587 | 0.0 | 53.007 | 6.916 | 0.0 | 39.405 | 4.796 | 0.0 | 42.426 | 5.974 |

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

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|-------|-------------|-----------|------|------|---------------|---------|------------|------------|---------|------------|-----------|---------|------------|------------|---------|------------|-----------------|-------|------------|------------|-----|------------|-----------|-----|------------|------------|-----|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | 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 | 10422 | 10423 | SN | 1 | 0.0 | 29.456 | 12.591 | 0.0 | 263.857 | 12.96 | 0.0 | 73.344 | 7.134 | 0.0 | 242.299 | 9.366 | 0.0 | 1.365 | 0.0 | 1.733 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 2.083 | 0.0 | |
| 2 | 10422 | 10423 | SN | 1 | 0.0 | 23.064 | 4.775 | 0.0 | 49.13 | 6.115 | 0.0 | 54.455 | 1.026 | 0.0 | 192.573 | 1.488 | 0.0 | 1.342 | 0.0 | 1.726 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.075 | 0.0 | |
| 3 | 10422 | 10423 | SN | 1 | 0.0 | 23.064 | 4.777 | 0.0 | 49.13 | 6.222 | 0.0 | 54.455 | 1.039 | 0.0 | 192.573 | 1.729 | 0.0 | 1.344 | 0.0 | 1.735 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.085 | 0.0 | |
| 4 | 10422 | 10423 | SN | 1 | 0.0 | 23.064 | 4.777 | 0.0 | 49.13 | 6.222 | 0.0 | 54.455 | 1.039 | 0.0 | 192.573 | 1.729 | 0.0 | 1.344 | 0.0 | 1.735 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.085 | 0.0 | |
| 5 | 10422 | 10423 | SN | 1 | 0.0 | 29.456 | 12.646 | 0.0 | 263.857 | 12.443 | 0.0 | 73.344 | 7.231 | 0.0 | 242.299 | 8.391 | 0.0 | 1.365 | 0.0 | 1.728 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 2.077 | 0.0 | |
| 6 | 10422 | 10423 | SN | 1 | 0.0 | 29.456 | 12.591 | 0.0 | 263.857 | 12.96 | 0.0 | 73.344 | 7.134 | 0.0 | 242.299 | 9.366 | 0.0 | 1.365 | 0.0 | 1.733 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 2.083 | 0.0 | |
| 7 | 10423 | 10424 | SN | 1 | 0.0 | 29.389 | 12.637 | 0.0 | 27.332 | 12.936 | 0.0 | 73.603 | 7.145 | 0.0 | 168.199 | 9.431 | 0.0 | 1.373 | 0.0 | 1.74 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.082 | 0.0 | |
| 8 | 10423 | 10424 | SN | 1 | 0.0 | 23.069 | 4.785 | 0.0 | 25.876 | 6.233 | 0.0 | 64.421 | 1.06 | 0.0 | 220.834 | 1.737 | 0.0 | 1.353 | 0.0 | 1.735 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.083 | 0.0 | |
| 9 | 10423 | 10424 | NS | 1 | 0.0 | 240.471 | 7.537 | 0.0 | 25.667 | 8.709 | 0.0 | 234.969 | 4.922 | 0.0 | 110.636 | 5.875 | 0.0 | 1.431 | 0.0 | 1.83 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.192 | 0.0 | |
| 10 | 10423 | 10424 | SN | 1 | 0.0 | 29.389 | 12.637 | 0.0 | 27.332 | 12.783 | 0.0 | 73.603 | 7.169 | 0.0 | 168.199 | 9.134 | 0.0 | 1.373 | 0.0 | 1.734 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.082 | 0.0 | |
| 11 | 10423 | 10424 | SN | 1 | 0.0 | 23.069 | 4.785 | 0.0 | 25.876 | 6.233 | 0.0 | 64.421 | 1.06 | 0.0 | 220.834 | 1.737 | 0.0 | 1.353 | 0.0 | 1.735 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.083 | 0.0 | |
| 12 | 10423 | 10424 | NS | 1 | 0.0 | 240.471 | 7.537 | 0.0 | 25.667 | 8.709 | 0.0 | 234.969 | 4.922 | 0.0 | 110.636 | 5.875 | 0.0 | 1.431 | 0.0 | 1.83 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.192 | 0.0 | |
| 13 | 10423 | 10424 | NS | 1 | 0.0 | 155.052 | 10.801 | 0.0 | 30.057 | 15.173 | 0.0 | 144.705 | 12.805 | 0.0 | 139.921 | 14.897 | 0.0 | 1.415 | 0.0 | 1.832 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.192 | 0.0 | |
| 14 | 10423 | 10424 | NS | 1 | 0.0 | 155.052 | 10.801 | 0.0 | 30.057 | 15.173 | 0.0 | 144.705 | 12.805 | 0.0 | 139.921 | 14.897 | 0.0 | 1.415 | 0.0 | 1.832 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.192 | 0.0 | |
| 15 | 10423 | 10424 | SN | 1 | 0.0 | 23.069 | 4.781 | 0.0 | 21.31 | 6.194 | 0.0 | 64.421 | 1.055 | 0.0 | 220.834 | 1.62 | 0.0 | 1.353 | 0.0 | 1.732 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.08 | 0.0 | |
| 16 | 10423 | 10424 | SN | 1 | 0.0 | 29.389 | 12.637 | 0.0 | 27.332 | 12.936 | 0.0 | 73.603 | 7.145 | 0.0 | 168.199 | 9.431 | 0.0 | 1.373 | 0.0 | 1.74 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.082 | 0.0 | |
| 17 | 10424 | 10425 | NS | 1 | 0.0 | 165.629 | 7.501 | 0.0 | 25.661 | 8.68 | 0.0 | 350.283 | 4.902 | 0.0 | 130.286 | 5.846 | 0.0 | 1.438 | 0.0 | 1.831 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.192 | 0.0 | |
| 18 | 10424 | 10425 | NS | 1 | 0.0 | 255.838 | 10.757 | 0.0 | 30.084 | 15.12 | 0.0 | 353.586 | 12.63 | 0.0 | 140.406 | 14.762 | 0.0 | 1.419 | 0.0 | 1.832 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.188 | 0.0 | |
| 19 | 10424 | 10425 | SN | 1 | 0.0 | 29.527 | 12.615 | 0.0 | 37.24 | 12.717 | 0.0 | 73.912 | 7.082 | 0.0 | 34.521 | 9.235 | 0.0 | 1.361 | 0.0 | 1.733 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.084 | 0.0 | |
| 20 | 10424 | 10425 | SN | 1 | 0.0 | 29.527 | 12.606 | 0.0 | 37.24 | 12.747 | 0.0 | 73.918 | 7.097 | 0.0 | 34.521 | 9.291 | 0.0 | 1.361 | 0.0 | 1.735 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.084 | 0.0 | |
| 21 | 10424 | 10425 | SN | 1 | 0.0 | 23.08 | 4.84 | 0.0 | 48.099 | 6.193 | 0.0 | 67.945 | 1.055 | 0.0 | 205.602 | 1.687 | 0.0 | 1.353 | 0.0 | 1.733 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.084 | 0.0 | |
| 22 | 10424 | 10425 | SN | 1 | 0.0 | 23.08 | 4.851 | 0.0 | 48.099 | 6.235 | 0.0 | 67.95 | 1.061 | 0.0 | 205.602 | 1.792 | 0.0 | 1.353 | 0.0 | 1.736 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.084 | 0.0 | |
| 23 | 10424 | 10425 | SN | 1 | 0.0 | 23.08 | 4.849 | 0.0 | 48.099 | 6.205 | 0.0 | 67.95 | 1.057 | 0.0 | 205.602 | 1.697 | 0.0 | 1.353 | 0.0 | 1.733 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.084 | 0.0 | |
| 24 | 10424 | 10425 | NS | 1 | 0.0 | 77.527 | 7.483 | 0.0 | 25.656 | 8.699 | 0.0 | 353.586 | 4.894 | 0.0 | 122.29 | 5.838 | 0.0 | 1.424 | 0.0 | 1.831 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.192 | 0.0 | |
| 25 | 10424 | 10425 | SN | 1 | 0.0 | 29.527 | 12.611 | 0.0 | 37.24 | 12.872 | 0.0 | 73.918 | 7.081 | 0.0 | 64.674 | 9.524 | 0.0 | 1.361 | 0.0 | 1.74 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.084 | 0.0 | |
| 26 | 10424 | 10425 | NS | 1 | 0.0 | 79.932 | 10.782 | 0.0 | 30.084 | 15.192 | 0.0 | 142.803 | 12.728 | 0.0 | 149.263 | 14.862 | 0.0 | 1.418 | 0.0 | 1.832 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.192 | 0.0 | |
| 27 | 10425 | 10426 | SN | 1 | 0.0 | 29.582 | 12.651 | 0.0 | 27.332 | 12.609 | 0.0 | 71.634 | 7.177 | 0.0 | 276.652 | 9.11 | 0.0 | 1.39 | 0.0 | 1.733 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.083 | 0.0 | |
| 28 | 10425 | 10426 | SN | 1 | 0.0 | 23.086 | 4.84 | 0.0 | 21.315 | 6.18 | 0.0 | 65.965 | 1.047 | 0.0 | 270.34 | 1.65 | 0.0 | 1.346 | 0.0 | 1.733 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 2.081 | 0.0 | |
| 29 | 10425 | 10426 | NS | 1 | 0.0 | 25.802 | 7.501 | 0.0 | 25.645 | 8.682 | 0.0 | 272.46 | 4.853 | 0.0 | 127.838 | 5.843 | 0.0 | 1.437 | 0.0 | 1.829 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.192 | 0.0 | |
| 30 | 10425 | 10426 | NS | 1 | 0.0 | 25.802 | 7.501 | 0.0 | 25.645 | 8.682 | 0.0 | 272.46 | 4.851 | 0.0 | 127.838 | 5.843 | 0.0 | 1.437 | 0.0 | 1.829 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.192 | 0.0 | |
| 31 | 10425 | 10426 | SN | 1 | 0.0 | 29.582 | 12.643 | 0.0 | 27.332 | 12.821 | 0.0 | 71.634 | 7.151 | 0.0 | 276.652 | 9.538 | 0.0 | 1.39 | 0.0 | 1.74 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.083 | 0.0 | |

| | | | | | |
|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
| | Range | 10.0 | 3.0 | Alarming | High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 10425 | 10426 | SN | 1 | 0.0 | 29.582 | 12.643 | 0.0 | 27.332 | 12.821 | 0.0 | 71.634 | 7.151 | 0.0 | 276.652 | 9.546 | 0.0 | 1.39 | 0.0 | 0.0 | 1.74 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.083 | 0.0 |
| 33 | 10425 | 10426 | NS | 1 | 0.0 | 217.112 | 10.802 | 0.0 | 30.062 | 15.14 | 0.0 | 138.926 | 12.715 | 0.0 | 144.758 | 14.882 | 0.0 | 1.418 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.191 | 0.0 |
| 34 | 10425 | 10426 | NS | 1 | 0.0 | 217.112 | 10.802 | 0.0 | 30.062 | 15.14 | 0.0 | 138.926 | 12.715 | 0.0 | 144.758 | 14.882 | 0.0 | 1.418 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.191 | 0.0 |
| 35 | 10425 | 10426 | SN | 1 | 0.0 | 23.086 | 4.844 | 0.0 | 25.937 | 6.233 | 0.0 | 65.965 | 1.054 | 0.0 | 270.34 | 1.795 | 0.0 | 1.346 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 2.084 | 0.0 |
| 36 | 10425 | 10426 | SN | 1 | 0.0 | 23.086 | 4.844 | 0.0 | 25.937 | 6.233 | 0.0 | 65.965 | 1.054 | 0.0 | 270.34 | 1.795 | 0.0 | 1.346 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 2.084 | 0.0 |
| 37 | 10426 | 10427 | NS | 1 | 0.0 | 239.017 | 7.509 | 0.0 | 25.661 | 8.703 | 0.0 | 354.066 | 4.871 | 0.0 | 134.731 | 5.834 | 0.0 | 1.425 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.192 | 0.0 |
| 38 | 10426 | 10427 | SN | 1 | 0.0 | 29.345 | 12.673 | 0.0 | 27.338 | 12.524 | 0.0 | 74.976 | 7.213 | 0.0 | 242.42 | 8.827 | 0.0 | 1.365 | 0.0 | 0.0 | 1.733 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.081 | 0.0 |
| 39 | 10426 | 10427 | SN | 1 | 0.0 | 23.086 | 4.868 | 0.0 | 21.299 | 6.121 | 0.0 | 60.069 | 1.075 | 0.0 | 241.174 | 1.612 | 0.0 | 1.342 | 0.0 | 0.0 | 1.729 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.077 | 0.0 |
| 40 | 10426 | 10427 | SN | 1 | 0.0 | 29.345 | 12.652 | 0.0 | 27.338 | 12.854 | 0.0 | 74.976 | 7.175 | 0.0 | 242.42 | 9.456 | 0.0 | 1.365 | 0.0 | 0.0 | 1.737 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.083 | 0.0 |
| 41 | 10426 | 10427 | SN | 1 | 0.0 | 23.086 | 4.863 | 0.0 | 82.187 | 6.204 | 0.0 | 60.069 | 1.082 | 0.0 | 270.53 | 1.8 | 0.0 | 1.342 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.083 | 0.0 |
| 42 | 10426 | 10427 | SN | 1 | 0.0 | 23.086 | 4.863 | 0.0 | 82.187 | 6.204 | 0.0 | 60.069 | 1.082 | 0.0 | 270.53 | 1.8 | 0.0 | 1.342 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.083 | 0.0 |
| 43 | 10426 | 10427 | NS | 1 | 0.0 | 269.422 | 10.769 | 0.0 | 30.046 | 15.07 | 0.0 | 354.066 | 12.611 | 0.0 | 148.894 | 14.758 | 0.0 | 1.417 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.187 | 0.0 |
| 44 | 10426 | 10427 | NS | 1 | 0.0 | 210.224 | 10.759 | 0.0 | 30.04 | 15.07 | 0.0 | 354.066 | 12.597 | 0.0 | 148.872 | 14.744 | 0.0 | 1.417 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.187 | 0.0 |
| 45 | 10426 | 10427 | SN | 1 | 0.0 | 29.345 | 12.652 | 0.0 | 27.338 | 12.854 | 0.0 | 74.976 | 7.168 | 0.0 | 242.42 | 9.456 | 0.0 | 1.365 | 0.0 | 0.0 | 1.737 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.083 | 0.0 |
| 46 | 10426 | 10427 | NS | 1 | 0.0 | 165.872 | 7.504 | 0.0 | 25.661 | 8.694 | 0.0 | 354.066 | 4.868 | 0.0 | 134.704 | 5.83 | 0.0 | 1.431 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.192 | 0.0 |
| 47 | 10427 | 10428 | NS | 1 | 0.0 | 43.698 | 11.745 | 0.0 | 27.062 | 14.465 | 0.0 | 336.837 | 16.424 | 0.0 | 16.766 | 14.315 | 0.0 | 1.418 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.188 | 0.0 |
| 48 | 10427 | 10428 | NS | 1 | 0.0 | 201.998 | 8.975 | 0.0 | 25.661 | 9.792 | 0.0 | 324.434 | 6.679 | 0.0 | 16.744 | 7.663 | 0.0 | 1.437 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.191 | 0.0 |
| 49 | 10427 | 10428 | SN | 1 | 0.0 | 29.428 | 12.633 | 0.0 | 143.205 | 12.844 | 0.0 | 71.546 | 7.19 | 0.0 | 69.941 | 9.491 | 0.0 | 1.366 | 0.0 | 0.0 | 1.738 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.083 | 0.0 |
| 50 | 10427 | 10428 | NS | 1 | 0.0 | 209.132 | 10.748 | 0.0 | 30.007 | 15.05 | 0.0 | 336.815 | 12.595 | 0.0 | 172.928 | 14.794 | 0.0 | 1.418 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.188 | 0.0 |
| 51 | 10427 | 10428 | SN | 1 | 0.0 | 23.086 | 4.857 | 0.0 | 237.2 | 6.236 | 0.0 | 44.341 | 1.087 | 0.0 | 50.584 | 1.807 | 0.0 | 1.343 | 0.0 | 0.0 | 1.737 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.085 | 0.0 |
| 52 | 10427 | 10428 | NS | 1 | 0.0 | 235.317 | 7.499 | 0.0 | 25.661 | 8.701 | 0.0 | 324.401 | 4.855 | 0.0 | 152.495 | 5.829 | 0.0 | 1.44 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.191 | 0.0 |
| 53 | 10428 | 10429 | NS | 1 | 0.0 | 25.722 | 7.518 | 0.0 | 25.661 | 8.685 | 0.0 | 355.163 | 4.887 | 0.0 | 117.017 | 5.846 | 0.0 | 1.443 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.193 | 0.0 |
| 54 | 10428 | 10429 | SN | 1 | 0.0 | 23.069 | 4.828 | 0.0 | 134.787 | 6.259 | 0.0 | 65.695 | 1.088 | 0.0 | 50.854 | 1.795 | 0.0 | 1.354 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.083 | 0.0 |
| 55 | 10428 | 10429 | SN | 1 | 0.0 | 29.373 | 12.656 | 0.0 | 47.652 | 12.961 | 0.0 | 75.434 | 7.197 | 0.0 | 62.16 | 9.487 | 0.0 | 1.372 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 2.085 | 0.0 |
| 56 | 10428 | 10429 | NS | 1 | 0.0 | 26.009 | 10.802 | 0.0 | 30.057 | 15.057 | 0.0 | 355.163 | 12.757 | 0.0 | 168.478 | 14.764 | 0.0 | 1.399 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.883 | 0.0 | 0.0 | 2.191 | 0.0 |
| 57 | 10429 | 10430 | SN | 1 | 0.0 | 29.445 | 12.672 | 0.0 | 26.345 | 12.2 | 0.0 | 73.096 | 7.205 | 0.0 | 136.361 | 8.057 | 0.0 | 1.368 | 0.0 | 0.0 | 1.727 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 2.077 | 0.0 |
| 58 | 10429 | 10430 | SN | 1 | 0.0 | 23.075 | 4.816 | 0.0 | 25.716 | 6.227 | 0.0 | 61.123 | 1.06 | 0.0 | 183.36 | 1.775 | 0.0 | 1.346 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.087 | 0.0 |
| 59 | 10429 | 10430 | NS | 1 | 0.0 | 269.681 | 10.869 | 0.0 | 30.084 | 15.054 | 0.0 | 241.891 | 12.758 | 0.0 | 139.767 | 14.828 | 0.0 | 1.408 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.884 | 0.0 | 0.0 | 2.192 | 0.0 |
| 60 | 10429 | 10430 | NS | 1 | 0.0 | 154.878 | 7.556 | 0.0 | 25.656 | 8.691 | 0.0 | 208.045 | 4.924 | 0.0 | 125.152 | 5.857 | 0.0 | 1.443 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.192 | 0.0 |
| 61 | 10429 | 10430 | SN | 1 | 0.0 | 23.075 | 4.816 | 0.0 | 25.722 | 6.227 | 0.0 | 61.123 | 1.06 | 0.0 | 183.36 | 1.77 | 0.0 | 1.346 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.087 | 0.0 |
| 62 | 10429 | 10430 | SN | 1 | 0.0 | 29.445 | 12.615 | 0.0 | 27.321 | 12.924 | 0.0 | 73.096 | 7.148 | 0.0 | 136.361 | 9.452 | 0.0 | 1.368 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 2.086 | 0.0 |
| 63 | 10429 | 10430 | SN | 1 | 0.0 | 29.445 | 12.615 | 0.0 | 27.321 | 12.934 | 0.0 | 73.096 | 7.148 | 0.0 | 136.361 | 9.452 | 0.0 | 1.368 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 2.086 | 0.0 |
| 64 | 10429 | 10430 | SN | 1 | 0.0 | 23.075 | 4.839 | 0.0 | 21.056 | 6.063 | 0.0 | 61.123 | 1.064 | 0.0 | 183.36 | 1.406 | 0.0 | 1.346 | 0.0 | 0.0 | 1.724 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.075 | 0.0 |
| 65 | 10430 | 10431 | NS | 1 | 0.0 | 203.953 | 7.548 | 0.0 | 25.661 | 8.696 | 0.0 | 351.849 | 4.895 | 0.0 | 120.994 | 5.876 | 0.0 | 1.439 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.192 | 0.0 |
| 66 | 10430 | 10431 | SN | 1 | 0.0 | 23.058 | 4.775 | 0.0 | 48.651 | 6.249 | 0.0 | 64.415 | 1.065 | 0.0 | 51.003 | 1.76 | 0.0 | 1.355 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.084 | 0.0 |
| 67 | 10430 | 10431 | NS | 1 | 0.0 | 265.931 | 10.821 | 0.0 | 30.112 | 15.14 | 0.0 | 142.764 | 12.741 | 0.0 | 148.486 | 14.868 | 0.0 | 1.411 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.191 | 0.0 |
| 68 | 10430 | 10431 | NS | 1 | 0.0 | 265.931 | 10.821 | 0.0 | 30.112 | 15.129 | 0.0 | 142.759 | 12.755 | 0.0 | 148.48 | 14.861 | 0.0 | 1.411 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.191 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|------|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 10430 | 10431 | SN | 1 | 0.0 | 23.058 | 4.775 | 0.0 | 48.651 | 6.249 | 0.0 | 64.415 | 1.065 | 0.0 | 51.003 | 1.76 | 0.0 | 1.355 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.084 | 0.0 |
| 70 | 10430 | 10431 | SN | 1 | 0.0 | 29.825 | 12.63 | 0.0 | 34.913 | 12.804 | 0.0 | 73.25 | 7.174 | 0.0 | 63.781 | 9.367 | 0.0 | 1.388 | 0.0 | 0.0 | 1.739 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.083 | 0.0 |
| 71 | 10430 | 10431 | SN | 1 | 0.0 | 29.825 | 12.63 | 0.0 | 34.913 | 12.804 | 0.0 | 73.25 | 7.174 | 0.0 | 63.781 | 9.367 | 0.0 | 1.388 | 0.0 | 0.0 | 1.739 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.083 | 0.0 |
| 72 | 10430 | 10431 | NS | 1 | 0.0 | 203.953 | 7.555 | 0.0 | 25.661 | 8.698 | 0.0 | 351.86 | 4.894 | 0.0 | 120.988 | 5.88 | 0.0 | 1.439 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.192 | 0.0 |
| 73 | 10431 | 10432 | SN | 1 | 0.0 | 29.45 | 12.634 | 0.0 | 27.338 | 12.847 | 0.0 | 78.859 | 7.136 | 0.0 | 65.154 | 9.406 | 0.0 | 1.363 | 0.0 | 0.0 | 1.737 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 2.083 | 0.0 |
| 74 | 10431 | 10432 | NS | 1 | 0.0 | 39.816 | 10.788 | 0.0 | 29.902 | 15.107 | 0.0 | 353.586 | 12.737 | 0.0 | 144.774 | 14.853 | 0.0 | 1.42 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.189 | 0.0 |
| 75 | 10431 | 10432 | NS | 1 | 0.0 | 94.952 | 7.531 | 0.0 | 25.661 | 8.71 | 0.0 | 353.586 | 4.896 | 0.0 | 124.633 | 5.845 | 0.0 | 1.439 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.192 | 0.0 |
| 76 | 10431 | 10432 | NS | 1 | 0.0 | 94.952 | 7.529 | 0.0 | 25.661 | 8.708 | 0.0 | 353.581 | 4.896 | 0.0 | 124.656 | 5.847 | 0.0 | 1.439 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.192 | 0.0 |
| 77 | 10431 | 10432 | NS | 1 | 0.0 | 39.816 | 10.788 | 0.0 | 29.902 | 15.107 | 0.0 | 353.581 | 12.715 | 0.0 | 144.802 | 14.853 | 0.0 | 1.419 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.189 | 0.0 |
| 78 | 10431 | 10432 | SN | 1 | 0.0 | 23.086 | 4.782 | 0.0 | 25.934 | 6.23 | 0.0 | 72.941 | 1.077 | 0.0 | 50.363 | 1.766 | 0.0 | 1.351 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.084 | 0.0 |
| 79 | 10432 | 10433 | NS | 1 | 0.0 | 25.661 | 10.758 | 0.0 | 29.897 | 15.115 | 0.0 | 219.439 | 12.758 | 0.0 | 148.083 | 14.832 | 0.0 | 1.402 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.189 | 0.0 |
| 80 | 10432 | 10433 | NS | 1 | 0.0 | 25.832 | 7.542 | 0.0 | 25.656 | 8.717 | 0.0 | 185.911 | 4.896 | 0.0 | 121.887 | 5.859 | 0.0 | 1.441 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.192 | 0.0 |
| 81 | 10432 | 10433 | SN | 1 | 0.0 | 23.069 | 4.814 | 0.0 | 25.912 | 6.239 | 0.0 | 63.163 | 1.092 | 0.0 | 258.524 | 1.794 | 0.0 | 1.351 | 0.0 | 0.0 | 1.737 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 2.086 | 0.0 |
| 82 | 10432 | 10433 | SN | 1 | 0.0 | 29.566 | 12.629 | 0.0 | 27.343 | 12.888 | 0.0 | 77.045 | 7.169 | 0.0 | 258.524 | 9.464 | 0.0 | 1.356 | 0.0 | 0.0 | 1.739 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.084 | 0.0 |
| 83 | 10433 | 10434 | NS | 1 | 0.0 | 236.398 | 7.529 | 0.0 | 25.656 | 8.671 | 0.0 | 211.233 | 4.912 | 0.0 | 125.428 | 5.892 | 0.0 | 1.447 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.193 | 0.0 |
| 84 | 10433 | 10434 | NS | 1 | 0.0 | 212.876 | 10.814 | 0.43 | 30.101 | 14.975 | 0.0 | 354.601 | 12.829 | 0.0 | 130.375 | 14.828 | 0.0 | 1.416 | 0.0 | 0.001 | 1.831 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.193 | 0.0 |
| 85 | 10437 | 10438 | SN | 1 | 0.0 | 23.069 | 4.851 | 0.0 | 199.894 | 6.22 | 0.0 | 63.864 | 1.081 | 0.0 | 164.984 | 1.836 | 0.0 | 1.354 | 0.0 | 0.0 | 1.738 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.086 | 0.0 |
| 86 | 10437 | 10438 | NS | 1 | 0.0 | 214.638 | 7.534 | 0.0 | 25.661 | 8.702 | 0.0 | 324.516 | 4.927 | 0.0 | 124.628 | 5.931 | 0.0 | 1.44 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.193 | 0.0 |
| 87 | 10437 | 10438 | SN | 1 | 0.0 | 29.676 | 12.635 | 0.0 | 123.892 | 12.553 | 0.0 | 72.815 | 7.15 | 0.0 | 48.209 | 8.901 | 0.0 | 1.391 | 0.0 | 0.0 | 1.737 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.081 | 0.0 |
| 88 | 10437 | 10438 | SN | 1 | 0.0 | 29.676 | 12.634 | 0.0 | 123.892 | 12.805 | 0.0 | 72.815 | 7.117 | 0.0 | 63.891 | 9.389 | 0.0 | 1.391 | 0.0 | 0.0 | 1.74 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.082 | 0.0 |
| 89 | 10437 | 10438 | NS | 1 | 0.0 | 45.408 | 10.792 | 0.0 | 29.924 | 15.067 | 0.0 | 150.573 | 12.869 | 0.0 | 150.289 | 14.953 | 0.0 | 1.411 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.883 | 0.0 | 0.0 | 2.192 | 0.0 |
| 90 | 10437 | 10438 | NS | 1 | 0.0 | 45.408 | 10.782 | 0.0 | 29.924 | 15.057 | 0.0 | 150.573 | 12.883 | 0.0 | 150.284 | 14.967 | 0.0 | 1.411 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.883 | 0.0 | 0.0 | 2.192 | 0.0 |
| 91 | 10437 | 10438 | SN | 1 | 0.0 | 23.069 | 4.846 | 0.0 | 199.894 | 6.154 | 0.0 | 63.864 | 1.075 | 0.0 | 164.984 | 1.657 | 0.0 | 1.354 | 0.0 | 0.0 | 1.733 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.083 | 0.0 |
| 92 | 10437 | 10438 | NS | 1 | 0.0 | 214.627 | 7.536 | 0.0 | 25.661 | 8.704 | 0.0 | 324.522 | 4.927 | 0.0 | 124.639 | 5.928 | 0.0 | 1.44 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.193 | 0.0 |
| 93 | 10438 | 10439 | SN | 1 | 0.0 | 29.665 | 12.602 | 0.0 | 27.349 | 12.806 | 0.0 | 73.107 | 7.058 | 0.0 | 257.989 | 9.524 | 0.0 | 1.391 | 0.0 | 0.0 | 1.741 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.084 | 0.0 |
| 94 | 10438 | 10439 | NS | 1 | 0.0 | 24.597 | 10.821 | 0.0 | 29.957 | 15.017 | 0.0 | 143.349 | 12.799 | 0.0 | 141.642 | 14.825 | 0.0 | 1.412 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.882 | 0.0 | 0.0 | 2.193 | 0.0 |
| 95 | 10438 | 10439 | NS | 1 | 0.0 | 24.602 | 10.821 | 0.0 | 29.957 | 14.996 | 0.0 | 143.354 | 12.813 | 0.0 | 141.642 | 14.818 | 0.0 | 1.412 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.882 | 0.0 | 0.0 | 2.193 | 0.0 |
| 96 | 10438 | 10439 | SN | 1 | 0.0 | 29.665 | 12.608 | 0.0 | 27.349 | 12.682 | 0.0 | 73.107 | 7.075 | 0.0 | 257.989 | 9.284 | 0.0 | 1.391 | 0.0 | 0.0 | 1.738 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.082 | 0.0 |
| 97 | 10438 | 10439 | SN | 1 | 0.0 | 29.665 | 12.608 | 0.0 | 27.349 | 12.682 | 0.0 | 73.107 | 7.075 | 0.0 | 257.989 | 9.284 | 0.0 | 1.391 | 0.0 | 0.0 | 1.738 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.082 | 0.0 |
| 98 | 10438 | 10439 | NS | 1 | 0.0 | 26.864 | 7.511 | 0.0 | 25.661 | 8.671 | 0.0 | 136.78 | 4.901 | 0.0 | 131.097 | 5.89 | 0.0 | 1.445 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.192 | 0.0 |
| 99 | 10438 | 10439 | NS | 1 | 0.0 | 26.864 | 7.509 | 0.0 | 25.661 | 8.671 | 0.0 | 136.78 | 4.897 | 0.0 | 131.097 | 5.89 | 0.0 | 1.445 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.192 | 0.0 |
| 100 | 10438 | 10439 | SN | 1 | 0.0 | 23.08 | 4.865 | 0.0 | 22.181 | 6.181 | 0.0 | 66.996 | 1.065 | 0.0 | 77.191 | 1.766 | 0.0 | 1.355 | 0.0 | 0.0 | 1.735 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.084 | 0.0 |
| 101 | 10438 | 10439 | SN | 1 | 0.0 | 23.08 | 4.865 | 0.0 | 22.181 | 6.181 | 0.0 | 66.996 | 1.065 | 0.0 | 77.191 | 1.766 | 0.0 | 1.355 | 0.0 | 0.0 | 1.735 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.084 | 0.0 |
| 102 | 10438 | 10439 | SN | 1 | 0.0 | 23.08 | 4.872 | 0.0 | 26.422 | 6.214 | 0.0 | 66.996 | 1.07 | 0.0 | 77.191 | 1.872 | 0.0 | 1.355 | 0.0 | 0.0 | 1.739 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.086 | 0.0 |
| 103 | 10439 | 10440 | SN | 1 | 0.0 | 29.566 | 12.639 | 0.0 | 27.349 | 12.787 | 0.0 | 76.818 | 7.097 | 0.0 | 47.247 | 9.557 | 0.0 | 1.358 | 0.0 | 0.0 | 1.739 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 2.085 | 0.0 |
| 104 | 10439 | 10440 | SN | 1 | 0.0 | 29.566 | 12.637 | 0.0 | 27.349 | 12.604 | 0.0 | 76.818 | 7.117 | 0.0 | 19.275 | 9.199 | 0.0 | 1.358 | 0.0 | 0.0 | 1.739 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 2.081 | 0.0 |
| 105 | 10439 | 10440 | NS | 1 | 0.0 | 160.269 | 7.528 | 0.0 | 25.65 | 8.682 | 0.0 | 272.797 | 4.9 | 0.0 | 125.384 | 5.883 | 0.0 | 1.437 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.192 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 10439 | 10440 | NS | 1 | 0.0 | 212.838 | 10.808 | 0.0 | 29.963 | 15.029 | 0.0 | 254.724 | 12.789 | 0.0 | 132.989 | 14.802 | 0.0 | 1.404 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.191 | 0.0 |
| 107 | 10439 | 10440 | SN | 1 | 0.0 | 23.069 | 4.88 | 0.0 | 23.091 | 6.164 | 0.0 | 62.336 | 1.087 | 0.0 | 13.506 | 1.73 | 0.0 | 1.35 | 0.0 | 0.0 | 1.735 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.085 | 0.0 |
| 108 | 10439 | 10440 | SN | 1 | 0.0 | 23.069 | 4.886 | 0.0 | 26.166 | 6.205 | 0.0 | 62.336 | 1.089 | 0.0 | 40.078 | 1.869 | 0.0 | 1.35 | 0.0 | 0.0 | 1.738 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.087 | 0.0 |
| 109 | 10440 | 10441 | SN | 1 | 0.0 | 23.086 | 4.921 | 0.0 | 21.497 | 6.154 | 0.0 | 60.014 | 1.078 | 0.0 | 12.69 | 1.696 | 0.0 | 1.35 | 0.0 | 0.0 | 1.735 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.082 | 0.0 |
| 110 | 10440 | 10441 | NS | 1 | 0.0 | 165.889 | 7.499 | 0.0 | 25.656 | 8.679 | 0.0 | 155.25 | 4.856 | 0.0 | 141.553 | 5.897 | 0.0 | 1.439 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.192 | 0.0 |
| 111 | 10440 | 10441 | SN | 1 | 0.0 | 23.086 | 4.922 | 0.0 | 26.298 | 6.214 | 0.0 | 60.014 | 1.087 | 0.0 | 53.981 | 1.905 | 0.0 | 1.35 | 0.0 | 0.0 | 1.739 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.087 | 0.0 |
| 112 | 10440 | 10441 | SN | 1 | 0.0 | 29.384 | 12.639 | 0.0 | 27.349 | 12.582 | 0.0 | 74.877 | 7.124 | 0.0 | 16.683 | 9.016 | 0.0 | 1.357 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.083 | 0.0 |
| 113 | 10440 | 10441 | SN | 1 | 0.0 | 29.384 | 12.629 | 0.0 | 27.349 | 12.872 | 0.0 | 74.877 | 7.091 | 0.0 | 64.685 | 9.55 | 0.0 | 1.357 | 0.0 | 0.0 | 1.739 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.085 | 0.0 |
| 114 | 10440 | 10441 | NS | 1 | 0.0 | 147.43 | 10.777 | 0.0 | 29.941 | 15.032 | 0.0 | 151.412 | 12.746 | 0.0 | 132.917 | 14.807 | 0.0 | 1.39 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.188 | 0.0 |
| 115 | 10441 | 10442 | SN | 1 | 0.0 | 29.593 | 12.668 | 0.0 | 168.067 | 12.89 | 0.0 | 80.806 | 7.111 | 0.0 | 65.816 | 9.568 | 0.0 | 1.38 | 0.0 | 0.0 | 1.74 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.09 | 0.0 |
| 116 | 10441 | 10442 | NS | 1 | 0.0 | 66.773 | 7.512 | 0.0 | 25.656 | 8.655 | 0.0 | 329.309 | 4.896 | 0.0 | 147.785 | 5.896 | 0.0 | 1.446 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.191 | 0.0 |
| 117 | 10441 | 10442 | NS | 1 | 0.0 | 24.602 | 10.847 | 0.0 | 30.112 | 14.91 | 0.0 | 329.309 | 12.81 | 0.0 | 146.749 | 14.772 | 0.0 | 1.417 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.193 | 0.0 |
| 118 | 10441 | 10442 | SN | 1 | 0.0 | 23.075 | 4.912 | 0.0 | 69.348 | 6.232 | 0.0 | 66.809 | 1.079 | 0.0 | 217.581 | 1.896 | 0.0 | 1.346 | 0.0 | 0.0 | 1.739 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.087 | 0.0 |
| 119 | 10442 | 10443 | SN | 1 | 0.0 | 23.069 | 4.919 | 0.0 | 26.262 | 6.246 | 0.0 | 65.551 | 1.097 | 0.0 | 48.014 | 1.899 | 0.0 | 1.343 | 0.0 | 0.0 | 1.739 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.088 | 0.0 |
| 120 | 10442 | 10443 | SN | 1 | 0.0 | 23.069 | 4.917 | 0.0 | 23.334 | 6.202 | 0.0 | 65.551 | 1.094 | 0.0 | 14.085 | 1.733 | 0.0 | 1.339 | 0.0 | 0.0 | 1.736 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.084 | 0.0 |
| 121 | 10442 | 10443 | NS | 1 | 0.0 | 57.293 | 7.487 | 0.0 | 25.667 | 8.671 | 0.0 | 337.559 | 4.899 | 0.0 | 139.232 | 5.926 | 0.0 | 1.426 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.196 | 0.0 |
| 122 | 10442 | 10443 | SN | 1 | 0.0 | 29.478 | 12.672 | 0.0 | 207.367 | 12.689 | 0.0 | 74.971 | 7.192 | 0.0 | 18.586 | 9.174 | 0.0 | 1.381 | 0.0 | 0.0 | 1.737 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.085 | 0.0 |
| 123 | 10442 | 10443 | NS | 1 | 0.0 | 120.837 | 10.791 | 0.0 | 29.935 | 15.017 | 0.0 | 332.524 | 12.877 | 0.0 | 162.477 | 14.818 | 0.0 | 1.411 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.19 | 0.0 |
| 124 | 10442 | 10443 | SN | 1 | 0.0 | 29.478 | 12.644 | 0.0 | 207.367 | 12.871 | 0.0 | 74.971 | 7.161 | 0.0 | 61.603 | 9.553 | 0.0 | 1.381 | 0.0 | 0.0 | 1.741 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.091 | 0.0 |
| 125 | 10443 | 10444 | SN | 1 | 0.0 | 29.389 | 12.699 | 0.0 | 27.101 | 12.182 | 0.0 | 74.535 | 7.074 | 0.0 | 42.981 | 8.272 | 0.0 | 1.389 | 0.0 | 0.0 | 1.727 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.077 | 0.0 |
| 126 | 10443 | 10444 | SN | 1 | 0.0 | 23.069 | 4.909 | 0.0 | 21.128 | 6.054 | 0.0 | 65.353 | 1.053 | 0.0 | 210.301 | 1.478 | 0.0 | 1.356 | 0.0 | 0.0 | 1.726 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.075 | 0.0 |
| 127 | 10443 | 10444 | NS | 1 | 0.0 | 94.905 | 7.521 | 0.0 | 25.661 | 8.684 | 0.0 | 346.571 | 4.92 | 0.0 | 112.401 | 5.927 | 0.0 | 1.434 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.192 | 0.0 |
| 128 | 10443 | 10444 | NS | 1 | 0.0 | 94.922 | 10.749 | 0.0 | 29.941 | 14.975 | 0.0 | 348.573 | 12.855 | 0.0 | 141.68 | 14.838 | 0.0 | 1.412 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.886 | 0.0 | 0.0 | 2.193 | 0.0 |

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|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
| | Range | 10.0 | 3.0 | Alarming | High Errors |