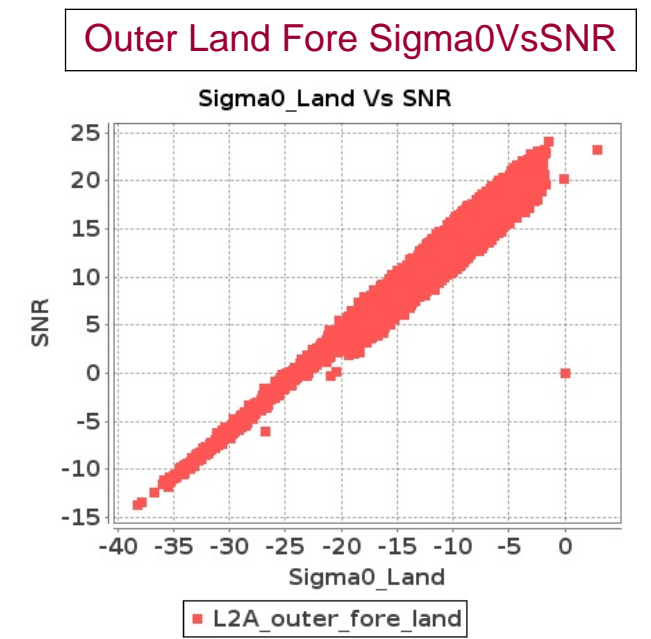
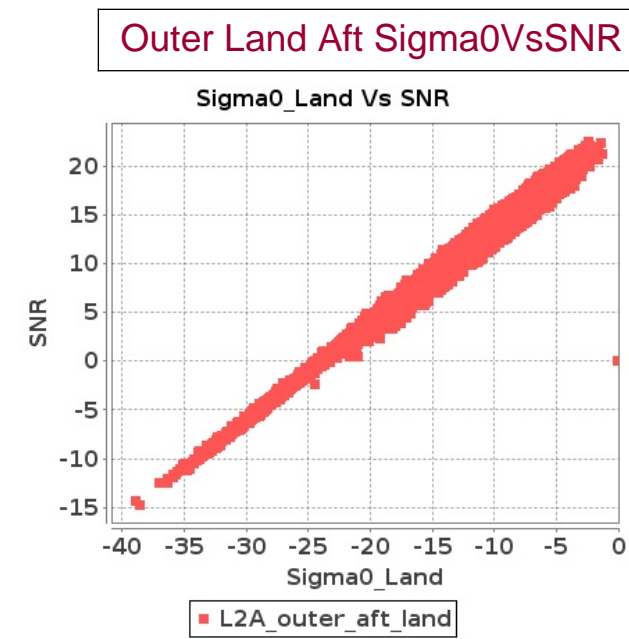
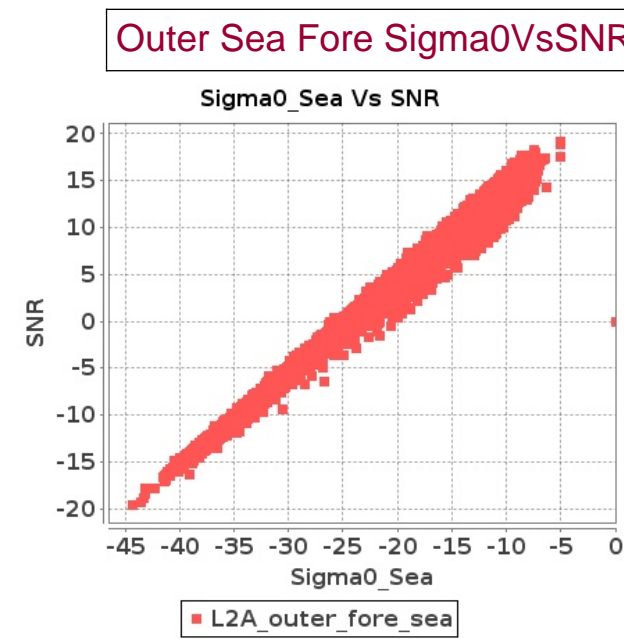
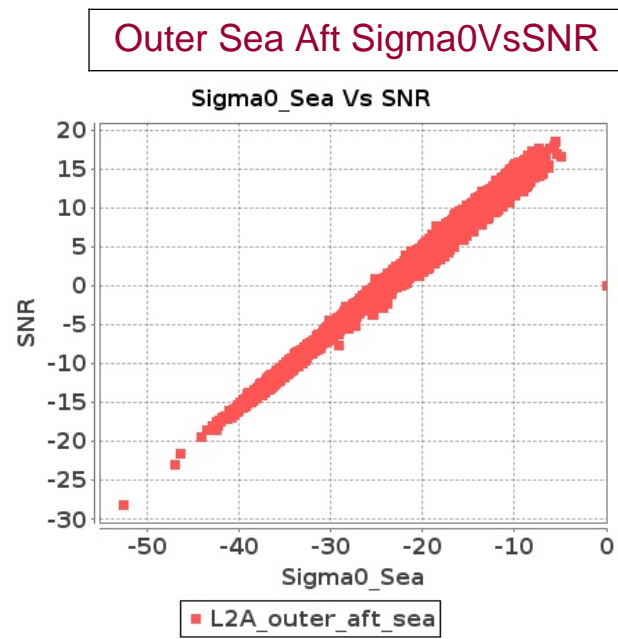
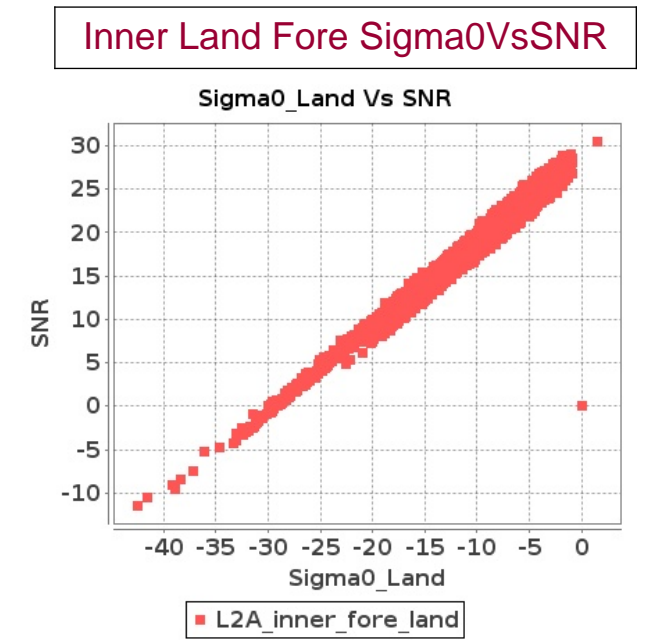
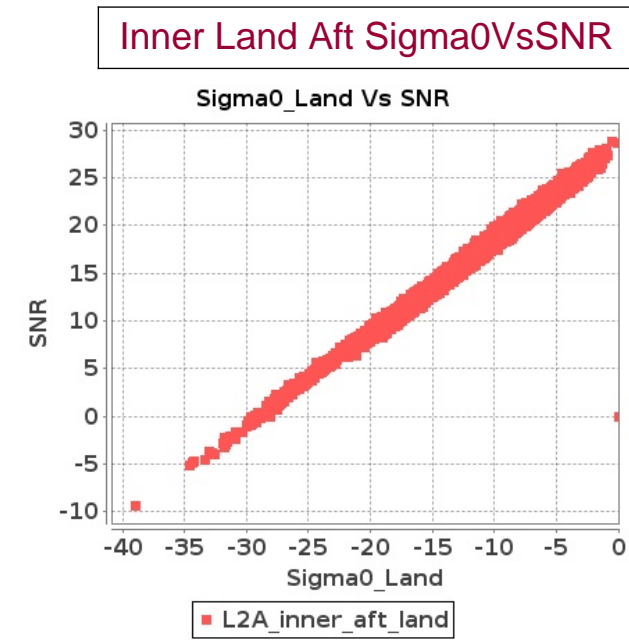
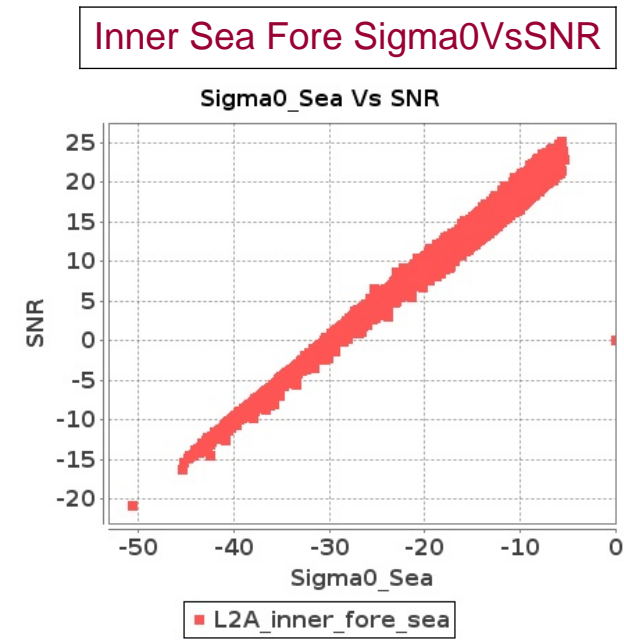
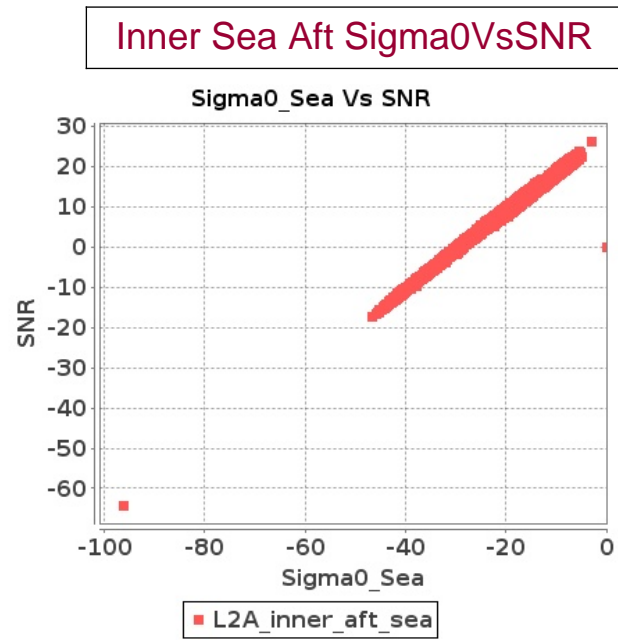


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 29-DEC-2019 To 30-DEC-2019



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

Report between 29-DEC-2019 To 30-DEC-2019

| 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 | 17237 | 17238 | SN | 1 | 0.0 | 46.877 | 0.889 | 0.0 | 40.394 | 1.037 | 0.0 | 39.156 | 0.839 | 0.0 | 41.251 | 1.141 | 0.0 | 47.072 | 0.902 | 0.0 | 38.767 | 0.985 | 0.0 | 40.489 | 0.763 | 0.0 | 42.437 | 0.989 |
| 2 | 17237 | 17238 | SN | 1 | 0.0 | 45.231 | 0.947 | 0.0 | 41.466 | 1.078 | 0.0 | 40.344 | 0.885 | 0.0 | 42.368 | 1.193 | 0.0 | 45.427 | 0.971 | 0.0 | 40.0 | 1.024 | 0.0 | 38.421 | 0.811 | 0.0 | 43.557 | 1.034 |
| 3 | 17237 | 17238 | SN | 1 | 0.0 | 46.877 | 0.935 | 0.0 | 40.394 | 1.085 | 0.0 | 39.156 | 0.885 | 0.0 | 41.251 | 1.185 | 0.0 | 47.072 | 0.949 | 0.0 | 38.767 | 1.033 | 0.0 | 40.489 | 0.803 | 0.0 | 42.437 | 1.034 |
| 4 | 17237 | 17238 | SN | 1 | 0.0 | 45.64 | 4.019 | 0.0 | 46.886 | 4.437 | 0.0 | 44.968 | 3.406 | 0.0 | 41.177 | 4.057 | 0.0 | 46.595 | 4.135 | 0.0 | 48.388 | 4.33 | 0.0 | 43.513 | 3.435 | 0.0 | 41.29 | 3.608 |
| 5 | 17237 | 17238 | SN | 1 | 0.0 | 49.516 | 4.029 | 0.0 | 44.431 | 4.415 | 0.0 | 45.425 | 3.443 | 0.0 | 40.207 | 4.064 | 0.0 | 49.506 | 4.157 | 0.0 | 45.932 | 4.32 | 0.0 | 45.314 | 3.443 | 0.0 | 40.338 | 3.593 |
| 6 | 17237 | 17238 | SN | 1 | 0.0 | 49.448 | 3.828 | 0.0 | 44.431 | 4.203 | 0.0 | 45.425 | 3.291 | 0.0 | 40.207 | 3.902 | 0.0 | 49.438 | 3.949 | 0.0 | 45.932 | 4.112 | 0.0 | 45.314 | 3.291 | 0.0 | 40.338 | 3.439 |
| 7 | 17238 | 17239 | NS | 1 | 0.0 | 53.129 | 6.293 | 0.0 | 51.229 | 7.132 | 0.0 | 45.671 | 6.547 | 0.0 | 45.129 | 7.345 | 0.0 | 54.719 | 6.387 | 0.0 | 51.218 | 7.0 | 0.0 | 47.637 | 6.627 | 0.0 | 44.645 | 7.6 |
| 8 | 17238 | 17239 | NS | 1 | 0.0 | 43.611 | 2.109 | 0.0 | 49.506 | 2.57 | 0.0 | 50.29 | 2.05 | 0.0 | 39.015 | 2.538 | 0.0 | 43.183 | 2.169 | 0.0 | 50.747 | 2.481 | 0.0 | 49.482 | 1.983 | 0.0 | 38.101 | 2.487 |
| 9 | 17238 | 17239 | SN | 1 | 0.0 | 42.894 | 4.646 | 0.0 | 44.284 | 5.975 | 0.0 | 42.439 | 4.774 | 0.0 | 45.971 | 5.718 | 0.0 | 43.175 | 4.747 | 0.0 | 44.616 | 5.823 | 0.0 | 40.539 | 5.044 | 0.0 | 46.972 | 5.454 |
| 10 | 17238 | 17239 | SN | 1 | 0.0 | 41.04 | 4.704 | 0.0 | 50.312 | 6.098 | 0.0 | 43.46 | 4.938 | 0.0 | 45.264 | 5.749 | 0.0 | 41.963 | 4.796 | 0.0 | 49.195 | 5.965 | 0.0 | 41.267 | 5.183 | 0.0 | 46.263 | 5.503 |
| 11 | 17238 | 17239 | SN | 1 | 0.0 | 41.04 | 4.636 | 0.0 | 50.312 | 6.016 | 0.0 | 43.46 | 4.859 | 0.0 | 45.264 | 5.661 | 0.0 | 41.963 | 4.727 | 0.0 | 49.195 | 5.874 | 0.0 | 41.267 | 5.107 | 0.0 | 46.263 | 5.419 |
| 12 | 17238 | 17239 | SN | 1 | 0.0 | 43.435 | 1.225 | 0.0 | 45.83 | 1.82 | 0.0 | 37.357 | 1.526 | 0.0 | 41.241 | 1.989 | 0.0 | 42.799 | 1.261 | 0.0 | 45.424 | 1.657 | 0.0 | 38.688 | 1.494 | 0.0 | 40.427 | 1.767 |
| 13 | 17238 | 17239 | SN | 1 | 0.0 | 43.435 | 1.206 | 0.0 | 51.096 | 1.802 | 0.0 | 42.904 | 1.544 | 0.0 | 41.241 | 1.995 | 0.0 | 42.799 | 1.234 | 0.0 | 51.258 | 1.636 | 0.0 | 43.893 | 1.51 | 0.0 | 39.927 | 1.796 |
| 14 | 17238 | 17239 | NS | 1 | 0.0 | 44.4 | 1.331 | 0.0 | 44.21 | 1.666 | 0.0 | 48.964 | 1.349 | 0.0 | 40.556 | 1.659 | 0.0 | 45.558 | 1.349 | 0.0 | 43.277 | 1.592 | 0.0 | 47.642 | 1.296 | 0.0 | 40.099 | 1.482 |
| 15 | 17238 | 17239 | SN | 1 | 0.0 | 43.435 | 1.242 | 0.0 | 45.83 | 1.846 | 0.0 | 37.357 | 1.548 | 0.0 | 41.241 | 2.011 | 0.0 | 42.799 | 1.279 | 0.0 | 45.424 | 1.68 | 0.0 | 38.688 | 1.519 | 0.0 | 40.427 | 1.787 |
| 16 | 17238 | 17239 | NS | 1 | 0.0 | 47.284 | 4.213 | 0.0 | 51.515 | 5.334 | 0.0 | 48.797 | 4.416 | 0.0 | 47.252 | 5.204 | 0.0 | 48.304 | 4.314 | 0.0 | 52.307 | 5.243 | 0.0 | 49.346 | 4.359 | 0.0 | 45.446 | 5.097 |
| 17 | 17239 | 17240 | SN | 1 | 0.0 | 36.424 | 1.445 | 0.0 | 43.378 | 2.167 | 0.0 | 38.87 | 1.575 | 0.0 | 35.631 | 2.527 | 0.0 | 37.907 | 1.448 | 0.0 | 45.312 | 2.151 | 0.0 | 37.686 | 1.489 | 0.0 | 38.507 | 2.429 |
| 18 | 17239 | 17240 | NS | 1 | 0.0 | 45.095 | 0.843 | 0.0 | 41.382 | 1.208 | 0.0 | 40.216 | 1.053 | 0.0 | 37.614 | 1.397 | 0.0 | 44.084 | 0.846 | 0.0 | 39.686 | 1.088 | 0.0 | 38.902 | 1.032 | 0.0 | 37.274 | 1.214 |
| 19 | 17239 | 17240 | NS | 1 | 0.0 | 45.095 | 0.852 | 0.0 | 41.382 | 1.219 | 0.0 | 40.216 | 1.042 | 0.0 | 40.46 | 1.402 | 0.0 | 44.084 | 0.843 | 0.0 | 39.641 | 1.093 | 0.0 | 38.062 | 1.017 | 0.0 | 39.304 | 1.212 |
| 20 | 17239 | 17240 | SN | 1 | 0.0 | 36.424 | 1.463 | 0.0 | 43.378 | 2.19 | 0.0 | 38.87 | 1.594 | 0.0 | 35.631 | 2.548 | 0.0 | 37.907 | 1.465 | 0.0 | 45.312 | 2.174 | 0.0 | 37.686 | 1.507 | 0.0 | 38.507 | 2.451 |
| 21 | 17239 | 17240 | SN | 1 | 0.0 | 46.178 | 4.764 | 0.0 | 46.098 | 5.938 | 0.0 | 40.233 | 4.947 | 0.0 | 46.209 | 7.009 | 0.0 | 46.278 | 4.969 | 0.0 | 50.15 | 5.99 | 0.0 | 41.041 | 5.012 | 0.0 | 41.72 | 6.901 |
| 22 | 17239 | 17240 | SN | 1 | 0.0 | 46.178 | 4.764 | 0.0 | 46.098 | 5.938 | 0.0 | 40.233 | 4.947 | 0.0 | 46.209 | 7.009 | 0.0 | 46.278 | 4.969 | 0.0 | 50.15 | 5.99 | 0.0 | 41.041 | 5.012 | 0.0 | 41.72 | 6.901 |
| 23 | 17239 | 17240 | NS | 1 | 0.0 | 49.051 | 2.929 | 0.0 | 44.27 | 4.03 | 0.0 | 40.768 | 3.067 | 0.0 | 38.601 | 4.055 | 0.0 | 49.161 | 2.939 | 0.0 | 45.175 | 3.636 | 0.0 | 40.599 | 3.053 | 0.0 | 40.835 | 3.664 |
| 24 | 17239 | 17240 | NS | 1 | 0.0 | 49.051 | 2.919 | 0.0 | 44.127 | 3.97 | 0.0 | 40.898 | 3.053 | 0.0 | 38.913 | 4.076 | 0.0 | 49.962 | 2.909 | 0.0 | 45.175 | 3.596 | 0.0 | 40.599 | 3.003 | 0.0 | 40.416 | 3.735 |
| 25 | 17239 | 17240 | SN | 1 | 0.0 | 36.424 | 1.463 | 0.0 | 43.378 | 2.19 | 0.0 | 38.87 | 1.594 | 0.0 | 35.631 | 2.548 | 0.0 | 37.907 | 1.465 | 0.0 | 45.312 | 2.174 | 0.0 | 37.686 | 1.507 | 0.0 | 38.507 | 2.451 |
| 26 | 17239 | 17240 | SN | 1 | 0.0 | 46.178 | 4.706 | 0.0 | 46.098 | 5.863 | 0.0 | 40.233 | 4.888 | 0.0 | 46.209 | 6.926 | 0.0 | 46.278 | 4.908 | 0.0 | 50.15 | 5.914 | 0.0 | 41.041 | 4.952 | 0.0 | 41.72 | 6.819 |
| 27 | 17240 | 17241 | NS | 1 | 0.0 | 45.149 | 2.442 | 0.0 | 49.772 | 4.204 | 0.0 | 41.891 | 3.137 | 0.0 | 54.094 | 4.546 | 0.0 | 44.789 | 2.472 | 0.0 | 49.818 | 3.749 | 0.0 | 39.246 | 2.896 | 0.0 | 52.193 | 3.864 |
| 28 | 17240 | 17241 | SN | 1 | 0.0 | 40.832 | 0.966 | 0.0 | 47.057 | 1.44 | 0.0 | 34.605 | 1.294 | 0.0 | 36.444 | 1.922 | 0.0 | 39.982 | 0.968 | 0.0 | 44.77 | 1.288 | 0.0 | 35.92 | 1.26 | 0.0 | 36.808 | 1.694 |
| 29 | 17240 | 17241 | NS | 1 | 0.0 | 45.101 | 2.472 | 0.0 | 53.893 | 4.194 | 0.0 | 43.447 | 3.159 | 0.0 | 53.882 | 4.553 | 0.0 | 44.741 | 2.452 | 0.0 | 53.93 | 3.729 | 0.0 | 43.325 | 2.888 | 0.0 | 51.981 | 3.942 |
| 30 | 17240 | 17241 | NS | 1 | 0.0 | 46.675 | 0.848 | 0.0 | 46.107 | 1.398 | 0.0 | 40.343 | 1.01 | 0.0 | 36.952 | 1.596 | 0.0 | 46.639 | 0.839 | 0.0 | 44.917 | 1.242 | 0.0 | 38.439 | 0.896 | 0.0 | 38.68 | 1.23 |
| 31 | 17240 | 17241 | SN | 1 | 0.0 | 45.032 | 2.694 | 0.0 | 52.036 | 4.515 | 0.0 | 42.949 | 3.885 | 0.0 | 37.948 | 5.356 | 0.0 | 44.152 | 2.745 | 0.0 | 50.865 | 4.061 | 0.0 | 43.146 | 3.763 | 0.0 | 37.415 | 5.037 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 32 | 17240 | 17241 | SN | 1 | 0.0 | 40.832 | 0.945 | 0.0 | 47.057 | 1.412 | 0.0 | 34.605 | 1.269 | 0.0 | 35.904 | 1.898 | 0.0 | 39.982 | 0.947 | 0.0 | 44.77 | 1.263 | 0.0 | 35.92 | 1.23 | 0.0 | 36.808 | 1.667 |
| 33 | 17240 | 17241 | NS | 1 | 0.0 | 55.353 | 0.854 | 0.0 | 50.12 | 1.409 | 0.0 | 42.235 | 0.999 | 0.0 | 39.165 | 1.58 | 0.0 | 54.798 | 0.848 | 0.0 | 49.038 | 1.253 | 0.0 | 41.338 | 0.877 | 0.0 | 39.468 | 1.223 |
| 34 | 17240 | 17241 | SN | 1 | 0.0 | 45.032 | 2.656 | 0.0 | 44.365 | 4.435 | 0.0 | 42.949 | 3.823 | 0.0 | 37.948 | 5.295 | 0.0 | 44.152 | 2.706 | 0.0 | 43.802 | 3.989 | 0.0 | 43.146 | 3.702 | 0.0 | 37.415 | 4.954 |
| 35 | 17240 | 17241 | SN | 1 | 0.0 | 45.032 | 2.656 | 0.0 | 44.365 | 4.435 | 0.0 | 42.949 | 3.823 | 0.0 | 37.948 | 5.295 | 0.0 | 44.152 | 2.706 | 0.0 | 43.802 | 3.989 | 0.0 | 43.146 | 3.702 | 0.0 | 37.415 | 4.954 |
| 36 | 17240 | 17241 | SN | 1 | 0.0 | 40.832 | 0.945 | 0.0 | 47.057 | 1.412 | 0.0 | 34.605 | 1.269 | 0.0 | 35.904 | 1.898 | 0.0 | 39.982 | 0.947 | 0.0 | 44.77 | 1.263 | 0.0 | 35.92 | 1.23 | 0.0 | 36.808 | 1.667 |
| 37 | 17241 | 17242 | SN | 1 | 0.0 | 53.486 | 4.137 | 0.0 | 41.17 | 4.427 | 0.0 | 40.058 | 3.879 | 0.0 | 37.604 | 5.068 | 0.0 | 52.81 | 4.095 | 0.0 | 42.599 | 4.5 | 0.0 | 38.557 | 4.004 | 0.0 | 36.871 | 4.782 |
| 38 | 17241 | 17242 | NS | 1 | 0.0 | 47.218 | 2.523 | 0.0 | 48.732 | 3.305 | 0.0 | 41.706 | 2.376 | 0.0 | 41.122 | 3.132 | 0.0 | 48.788 | 2.553 | 0.0 | 48.466 | 3.153 | 0.0 | 43.754 | 2.341 | 0.0 | 39.282 | 2.756 |
| 39 | 17241 | 17242 | NS | 1 | 0.0 | 45.244 | 2.532 | 0.0 | 48.331 | 3.114 | 0.0 | 46.783 | 2.588 | 0.0 | 44.382 | 3.29 | 0.0 | 46.594 | 2.633 | 0.0 | 48.629 | 3.003 | 0.0 | 44.421 | 2.453 | 0.0 | 40.507 | 2.778 |
| 40 | 17241 | 17242 | SN | 1 | 0.0 | 45.947 | 4.072 | 0.0 | 43.058 | 4.273 | 0.0 | 35.878 | 3.776 | 0.0 | 47.334 | 4.932 | 0.0 | 47.238 | 4.001 | 0.0 | 44.552 | 4.365 | 0.0 | 38.908 | 3.89 | 0.0 | 44.147 | 4.641 |
| 41 | 17241 | 17242 | SN | 1 | 0.0 | 45.958 | 4.031 | 0.0 | 43.194 | 4.314 | 0.0 | 35.53 | 3.769 | 0.0 | 47.334 | 4.918 | 0.0 | 47.249 | 3.981 | 0.0 | 44.686 | 4.385 | 0.0 | 38.557 | 3.897 | 0.0 | 44.147 | 4.648 |
| 42 | 17241 | 17242 | SN | 1 | 0.0 | 41.678 | 1.17 | 0.0 | 39.91 | 1.336 | 0.0 | 36.843 | 1.385 | 0.0 | 40.541 | 1.873 | 0.0 | 41.497 | 1.179 | 0.0 | 37.439 | 1.255 | 0.0 | 36.397 | 1.38 | 0.0 | 36.879 | 1.725 |
| 43 | 17241 | 17242 | NS | 1 | 0.0 | 41.138 | 0.664 | 0.0 | 44.1 | 0.827 | 0.0 | 40.91 | 0.644 | 0.0 | 38.587 | 0.897 | 0.0 | 39.597 | 0.671 | 0.0 | 44.854 | 0.748 | 0.0 | 41.427 | 0.621 | 0.0 | 36.253 | 0.764 |
| 44 | 17241 | 17242 | NS | 1 | 0.0 | 39.402 | 0.682 | 0.0 | 39.668 | 0.822 | 0.0 | 37.103 | 0.715 | 0.0 | 46.608 | 0.921 | 0.0 | 40.173 | 0.655 | 0.0 | 40.12 | 0.741 | 0.0 | 37.447 | 0.665 | 0.0 | 45.778 | 0.765 |
| 45 | 17241 | 17242 | SN | 1 | 0.0 | 41.678 | 1.137 | 0.0 | 39.91 | 1.299 | 0.0 | 41.797 | 1.346 | 0.0 | 44.705 | 1.822 | 0.0 | 41.497 | 1.144 | 0.0 | 37.439 | 1.217 | 0.0 | 42.759 | 1.337 | 0.0 | 39.122 | 1.672 |
| 46 | 17241 | 17242 | SN | 1 | 0.0 | 41.678 | 1.132 | 0.0 | 39.908 | 1.303 | 0.0 | 41.843 | 1.34 | 0.0 | 39.093 | 1.824 | 0.0 | 41.497 | 1.141 | 0.0 | 37.429 | 1.222 | 0.0 | 42.806 | 1.339 | 0.0 | 36.879 | 1.669 |
| 47 | 17242 | 17243 | NS | 1 | 0.0 | 46.218 | 3.921 | 0.0 | 50.033 | 4.687 | 0.0 | 40.759 | 4.395 | 0.0 | 43.466 | 5.168 | 0.0 | 45.927 | 3.951 | 0.0 | 50.747 | 4.596 | 0.0 | 41.835 | 4.424 | 0.0 | 43.189 | 4.756 |
| 48 | 17242 | 17243 | NS | 1 | 0.0 | 47.429 | 1.297 | 0.0 | 44.968 | 1.459 | 0.0 | 43.366 | 1.354 | 0.0 | 39.71 | 1.631 | 0.0 | 46.788 | 1.29 | 0.0 | 43.267 | 1.425 | 0.0 | 42.052 | 1.309 | 0.0 | 38.719 | 1.422 |
| 49 | 17242 | 17243 | SN | 1 | 0.0 | 35.507 | 0.834 | 0.0 | 37.386 | 0.944 | 0.0 | 35.293 | 1.021 | 0.0 | 39.049 | 1.264 | 0.0 | 36.572 | 0.807 | 0.0 | 37.052 | 0.867 | 0.0 | 34.15 | 0.924 | 0.0 | 34.339 | 1.099 |
| 50 | 17242 | 17243 | SN | 1 | 0.0 | 46.707 | 2.909 | 0.0 | 42.776 | 3.261 | 0.0 | 40.462 | 3.355 | 0.0 | 44.796 | 3.482 | 0.0 | 47.168 | 2.828 | 0.0 | 39.505 | 2.978 | 0.0 | 41.851 | 3.142 | 0.0 | 42.903 | 3.126 |
| 51 | 17242 | 17243 | SN | 1 | 0.0 | 46.684 | 2.986 | 0.0 | 42.778 | 3.408 | 0.0 | 40.378 | 3.483 | 0.0 | 44.725 | 3.581 | 0.0 | 47.145 | 2.933 | 0.0 | 39.505 | 3.144 | 0.0 | 41.769 | 3.246 | 0.0 | 43.523 | 3.231 |
| 52 | 17242 | 17243 | SN | 1 | 0.0 | 35.507 | 0.878 | 0.0 | 37.386 | 0.985 | 0.0 | 42.457 | 1.069 | 0.0 | 39.049 | 1.312 | 0.0 | 36.572 | 0.848 | 0.0 | 37.052 | 0.905 | 0.0 | 41.751 | 0.969 | 0.0 | 34.339 | 1.142 |
| 53 | 17242 | 17243 | NS | 1 | 0.0 | 49.137 | 4.112 | 0.0 | 52.162 | 4.577 | 0.0 | 41.3 | 4.26 | 0.0 | 47.507 | 4.886 | 0.0 | 47.487 | 4.183 | 0.0 | 52.535 | 4.466 | 0.0 | 42.699 | 4.324 | 0.0 | 46.241 | 4.481 |
| 54 | 17242 | 17243 | SN | 1 | 0.0 | 46.684 | 2.859 | 0.0 | 42.778 | 3.302 | 0.0 | 40.378 | 3.355 | 0.0 | 44.725 | 3.461 | 0.0 | 47.145 | 2.808 | 0.0 | 39.505 | 3.018 | 0.0 | 41.769 | 3.114 | 0.0 | 43.523 | 3.112 |
| 55 | 17242 | 17243 | NS | 1 | 0.0 | 43.471 | 1.189 | 0.0 | 42.945 | 1.352 | 0.0 | 41.781 | 1.289 | 0.0 | 38.373 | 1.595 | 0.0 | 43.647 | 1.189 | 0.0 | 43.105 | 1.325 | 0.0 | 41.964 | 1.301 | 0.0 | 37.808 | 1.379 |
| 56 | 17242 | 17243 | SN | 1 | 0.0 | 37.263 | 0.83 | 0.0 | 38.596 | 0.93 | 0.0 | 35.211 | 1.004 | 0.0 | 39.049 | 1.273 | 0.0 | 37.175 | 0.803 | 0.0 | 36.167 | 0.865 | 0.0 | 34.937 | 0.91 | 0.0 | 33.942 | 1.095 |
| 57 | 17243 | 17244 | NS | 1 | 0.0 | 47.443 | 5.441 | 0.0 | 52.762 | 6.481 | 0.0 | 45.712 | 5.74 | 0.0 | 47.717 | 6.861 | 0.0 | 47.027 | 5.411 | 0.0 | 50.601 | 6.158 | 0.0 | 44.359 | 5.669 | 0.0 | 45.632 | 6.513 |
| 58 | 17243 | 17244 | SN | 1 | 0.0 | 46.814 | 1.646 | 0.0 | 50.352 | 2.151 | 0.0 | 43.174 | 1.389 | 0.0 | 44.127 | 1.932 | 0.0 | 45.395 | 1.621 | 0.0 | 53.653 | 1.95 | 0.0 | 43.595 | 1.336 | 0.0 | 46.663 | 1.741 |
| 59 | 17243 | 17244 | SN | 1 | 0.0 | 46.814 | 1.753 | 0.0 | 50.352 | 2.284 | 0.0 | 43.174 | 1.469 | 0.0 | 44.127 | 2.046 | 0.0 | 45.395 | 1.726 | 0.0 | 53.653 | 2.072 | 0.0 | 43.595 | 1.415 | 0.0 | 46.657 | 1.85 |
| 60 | 17243 | 17244 | NS | 1 | 0.0 | 46.173 | 1.383 | 0.0 | 48.986 | 1.949 | 0.0 | 46.531 | 1.863 | 0.0 | 41.155 | 2.2 | 0.0 | 45.82 | 1.41 | 0.0 | 49.564 | 1.83 | 0.0 | 45.38 | 1.766 | 0.0 | 38.384 | 2.043 |
| 61 | 17243 | 17244 | SN | 1 | 0.0 | 46.978 | 1.643 | 0.0 | 50.339 | 2.131 | 0.0 | 43.389 | 1.387 | 0.0 | 49.308 | 1.944 | 0.0 | 45.558 | 1.619 | 0.0 | 53.642 | 1.941 | 0.0 | 43.811 | 1.354 | 0.0 | 44.231 | 1.77 |
| 62 | 17243 | 17244 | SN | 1 | 0.0 | 53.324 | 7.164 | 0.0 | 53.573 | 8.293 | 0.0 | 47.609 | 5.632 | 0.0 | 41.873 | 6.921 | 0.0 | 55.117 | 7.121 | 0.0 | 52.195 | 7.958 | 0.0 | 46.509 | 5.503 | 0.0 | 44.985 | 6.586 |
| 63 | 17243 | 17244 | NS | 1 | 0.0 | 41.658 | 1.374 | 0.0 | 46.435 | 2.014 | 0.0 | 44.444 | 1.813 | 0.0 | 42.066 | 2.258 | 0.0 | 40.943 | 1.397 | 0.0 | 45.652 | 1.915 | 0.0 | 44.304 | 1.813 | 0.0 | 42.584 | 2.026 |
| 64 | 17243 | 17244 | NS | 1 | 0.096 | 44.029 | 5.303 | 0.0 | 46.565 | 6.397 | 0.0 | 42.648 | 5.5 | 0.0 | 48.447 | 6.441 | 0.091 | 44.882 | 5.252 | 0.0 | 45.72 | 6.064 | 0.0 | 42.798 | 5.408 | 0.0 | 47.029 | 6.207 |
| 65 | 17243 | 17244 | SN | 1 | 0.0 | 52.785 | 6.716 | 0.0 | 53.522 | 7.808 | 0.0 | 47.702 | 5.255 | 0.0 | 41.916 | 6.591 | 0.0 | 54.578 | 6.656 | 0.0 | 52.147 | 7.424 | 0.0 | 46.603 | 5.148 | 0.0 | 44.99 | 6.15 |
| 66 | 17243 | 17244 | SN | 1 | 0.0 | 53.324 | 6.727 | 0.0 | 53.573 | 7.859 | 0.0 | 47.609 | 5.29 | 0.0 | 41.873 | 6.556 | 0.0 | 55.117 | 6.676 | 0.0 | 52.195 | 7.484 | 0.0 | 46.509 | 5.162 | 0.0 | 44.985 | 6.171 |
| 67 | 17244 | 17245 | SN | 1 | 0.0 | 44.762 | 1.926 | 0.0 | 48.172 | 2.267 | 0.0 | 40.669 | 1.535 | 0.0 | 47.754 | 1.987 | 0.0 | 45.99 | 1.905 | 0.0 | 50.538 | 2.135 | 0.0 | 40.186 | 1.496 | 0.0 | 46.988 | 1.749 |

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

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|-----|-------|-------|----|---|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 17244 | 17245 | SN | 1 | 0.0 | 44.762 | 1.926 | 0.0 | 48.172 | 2.267 | 0.0 | 40.669 | 1.535 | 0.0 | 47.754 | 1.988 | 0.0 | 45.99 | 1.905 | 0.0 | 50.538 | 2.135 | 0.0 | 40.186 | 1.496 | 0.0 | 46.988 | 1.749 |
| 69 | 17244 | 17245 | NS | 1 | 0.053 | 45.188 | 4.501 | 0.0 | 48.226 | 5.73 | 0.0 | 42.063 | 4.846 | 0.0 | 50.363 | 5.901 | 0.131 | 45.0 | 4.633 | 0.0 | 48.367 | 5.709 | 0.0 | 41.892 | 4.959 | 0.0 | 45.56 | 5.759 |
| 70 | 17244 | 17245 | SN | 1 | 0.0 | 49.1 | 7.314 | 0.0 | 55.953 | 7.605 | 0.0 | 48.092 | 5.682 | 0.0 | 47.45 | 7.168 | 0.0 | 49.364 | 7.385 | 0.0 | 55.214 | 7.382 | 0.0 | 48.228 | 5.604 | 0.0 | 48.564 | 6.513 |
| 71 | 17244 | 17245 | SN | 1 | 0.0 | 49.1 | 7.314 | 0.0 | 55.953 | 7.605 | 0.0 | 48.092 | 5.682 | 0.0 | 47.45 | 7.168 | 0.0 | 49.364 | 7.385 | 0.0 | 55.214 | 7.382 | 0.0 | 48.228 | 5.612 | 0.0 | 48.564 | 6.513 |
| 72 | 17244 | 17245 | NS | 1 | 0.034 | 45.188 | 4.481 | 0.0 | 48.226 | 5.73 | 0.0 | 42.063 | 4.838 | 0.0 | 50.363 | 5.887 | 0.044 | 45.0 | 4.633 | 0.0 | 48.367 | 5.719 | 0.0 | 41.767 | 4.952 | 0.0 | 45.56 | 5.738 |
| 73 | 17244 | 17245 | SN | 1 | 0.0 | 44.762 | 2.103 | 0.0 | 48.172 | 2.468 | 0.0 | 40.669 | 1.674 | 0.0 | 47.754 | 2.133 | 0.0 | 45.99 | 2.083 | 0.0 | 50.538 | 2.327 | 0.0 | 40.186 | 1.635 | 0.0 | 46.988 | 1.9 |
| 74 | 17244 | 17245 | NS | 1 | 0.0 | 40.431 | 1.252 | 0.0 | 45.053 | 1.788 | 0.0 | 43.594 | 1.543 | 0.0 | 46.419 | 1.973 | 0.0 | 41.466 | 1.307 | 0.0 | 43.293 | 1.691 | 0.0 | 42.325 | 1.536 | 0.0 | 43.879 | 1.805 |
| 75 | 17244 | 17245 | SN | 1 | 0.0 | 49.1 | 7.991 | 0.0 | 55.953 | 8.266 | 0.0 | 48.092 | 6.195 | 0.0 | 47.45 | 7.735 | 0.0 | 49.364 | 8.068 | 0.0 | 55.214 | 8.044 | 0.0 | 48.228 | 6.125 | 0.0 | 48.564 | 7.072 |
| 76 | 17244 | 17245 | NS | 1 | 0.0 | 40.431 | 1.248 | 0.0 | 45.053 | 1.788 | 0.0 | 43.594 | 1.562 | 0.0 | 46.419 | 1.971 | 0.0 | 41.466 | 1.284 | 0.0 | 43.294 | 1.693 | 0.0 | 42.325 | 1.539 | 0.0 | 43.879 | 1.806 |
| 77 | 17245 | 17246 | NS | 1 | 0.0 | 41.475 | 5.106 | 0.0 | 45.098 | 6.347 | 0.0 | 43.752 | 4.36 | 0.0 | 49.28 | 6.144 | 0.0 | 42.181 | 5.136 | 0.0 | 48.39 | 6.297 | 0.0 | 42.032 | 4.581 | 0.0 | 46.781 | 6.137 |
| 78 | 17245 | 17246 | SN | 1 | 0.0 | 50.011 | 1.244 | 0.0 | 46.033 | 1.722 | 0.0 | 45.824 | 1.094 | 0.0 | 43.935 | 1.473 | 0.0 | 48.59 | 1.253 | 0.0 | 42.615 | 1.627 | 0.0 | 45.799 | 1.072 | 0.0 | 45.66 | 1.401 |
| 79 | 17245 | 17246 | SN | 1 | 0.0 | 50.011 | 1.244 | 0.0 | 46.033 | 1.722 | 0.0 | 45.824 | 1.094 | 0.0 | 43.935 | 1.473 | 0.0 | 48.59 | 1.253 | 0.0 | 42.615 | 1.627 | 0.0 | 45.799 | 1.072 | 0.0 | 45.66 | 1.401 |
| 80 | 17245 | 17246 | SN | 1 | 0.0 | 52.06 | 4.252 | 0.0 | 54.487 | 5.61 | 0.0 | 47.006 | 3.993 | 0.0 | 46.537 | 4.833 | 0.0 | 53.009 | 4.242 | 0.0 | 52.541 | 5.387 | 0.0 | 49.014 | 4.05 | 0.0 | 47.297 | 4.591 |
| 81 | 17245 | 17246 | NS | 1 | 0.0 | 44.916 | 1.313 | 0.0 | 42.877 | 2.037 | 0.0 | 43.007 | 1.251 | 0.0 | 42.556 | 2.002 | 0.0 | 44.878 | 1.311 | 0.0 | 43.621 | 1.879 | 0.0 | 40.463 | 1.246 | 0.0 | 39.591 | 1.904 |
| 82 | 17245 | 17246 | NS | 1 | 0.0 | 41.726 | 5.116 | 0.0 | 47.575 | 6.519 | 0.0 | 46.012 | 4.431 | 0.0 | 45.35 | 6.201 | 0.0 | 42.207 | 5.177 | 0.0 | 48.158 | 6.378 | 0.0 | 44.294 | 4.566 | 0.0 | 45.797 | 6.165 |
| 83 | 17245 | 17246 | SN | 1 | 0.0 | 52.06 | 4.252 | 0.0 | 54.487 | 5.61 | 0.0 | 47.006 | 3.993 | 0.0 | 46.537 | 4.833 | 0.0 | 53.009 | 4.242 | 0.0 | 52.541 | 5.387 | 0.0 | 49.014 | 4.05 | 0.0 | 47.297 | 4.591 |
| 84 | 17245 | 17246 | NS | 1 | 0.0 | 49.359 | 1.311 | 0.0 | 49.157 | 2.024 | 0.0 | 42.558 | 1.282 | 0.0 | 39.424 | 2.011 | 0.0 | 50.069 | 1.309 | 0.0 | 47.238 | 1.87 | 0.0 | 40.016 | 1.262 | 0.0 | 37.932 | 1.926 |
| 85 | 17246 | 17247 | SN | 1 | 0.0 | 40.697 | 1.265 | 0.0 | 39.744 | 1.7 | 0.0 | 39.165 | 1.292 | 0.0 | 36.512 | 2.018 | 0.0 | 41.003 | 1.288 | 0.0 | 40.636 | 1.605 | 0.0 | 37.691 | 1.315 | 0.0 | 35.738 | 1.929 |
| 86 | 17246 | 17247 | NS | 1 | 0.0 | 48.155 | 5.469 | 0.0 | 52.281 | 7.465 | 0.0 | 45.073 | 5.78 | 0.0 | 46.856 | 7.077 | 0.0 | 47.877 | 5.621 | 0.0 | 49.739 | 6.96 | 0.0 | 46.378 | 5.731 | 0.0 | 47.953 | 6.46 |
| 87 | 17246 | 17247 | NS | 1 | 0.0 | 48.155 | 5.469 | 0.0 | 52.281 | 7.465 | 0.0 | 45.073 | 5.78 | 0.0 | 46.856 | 7.077 | 0.0 | 47.877 | 5.621 | 0.0 | 49.739 | 6.96 | 0.0 | 46.378 | 5.731 | 0.0 | 47.953 | 6.46 |
| 88 | 17246 | 17247 | NS | 1 | 0.0 | 43.417 | 1.545 | 0.0 | 41.702 | 2.153 | 0.0 | 47.171 | 1.79 | 0.0 | 41.525 | 2.501 | 0.0 | 43.325 | 1.577 | 0.0 | 41.937 | 2.045 | 0.0 | 47.273 | 1.746 | 0.0 | 40.523 | 2.209 |
| 89 | 17246 | 17247 | NS | 1 | 0.0 | 43.417 | 1.545 | 0.0 | 41.702 | 2.153 | 0.0 | 47.171 | 1.79 | 0.0 | 41.525 | 2.501 | 0.0 | 43.325 | 1.577 | 0.0 | 41.937 | 2.045 | 0.0 | 47.273 | 1.746 | 0.0 | 40.523 | 2.209 |
| 90 | 17246 | 17247 | SN | 1 | 0.0 | 42.12 | 5.091 | 0.0 | 49.716 | 6.321 | 0.0 | 40.657 | 4.064 | 0.0 | 46.085 | 6.096 | 0.0 | 42.175 | 5.213 | 0.0 | 48.634 | 6.209 | 0.0 | 41.422 | 4.298 | 0.0 | 45.158 | 6.031 |
| 91 | 17247 | 17248 | SN | 1 | 0.0 | 44.766 | 1.323 | 0.0 | 42.015 | 1.629 | 0.0 | 42.951 | 1.412 | 0.0 | 47.115 | 1.878 | 0.0 | 43.584 | 1.305 | 0.0 | 41.57 | 1.489 | 0.0 | 44.099 | 1.386 | 0.0 | 42.426 | 1.67 |
| 92 | 17247 | 17248 | NS | 1 | 0.0 | 48.262 | 3.17 | 0.0 | 44.589 | 4.507 | 0.0 | 39.636 | 4.139 | 0.0 | 42.935 | 5.738 | 0.0 | 48.132 | 3.17 | 0.0 | 44.467 | 4.113 | 0.0 | 38.57 | 4.175 | 0.0 | 42.515 | 5.348 |
| 93 | 17247 | 17248 | SN | 1 | 0.0 | 45.072 | 5.161 | 0.0 | 51.88 | 5.853 | 0.0 | 46.77 | 4.752 | 0.0 | 46.218 | 5.843 | 0.0 | 46.377 | 5.302 | 0.0 | 53.74 | 5.812 | 0.0 | 48.038 | 4.589 | 0.0 | 47.799 | 5.274 |
| 94 | 17247 | 17248 | NS | 1 | 0.0 | 38.926 | 1.071 | 0.0 | 43.079 | 1.61 | 0.0 | 35.406 | 1.464 | 0.0 | 37.235 | 2.157 | 0.0 | 40.736 | 1.098 | 0.0 | 44.992 | 1.52 | 0.0 | 35.183 | 1.384 | 0.0 | 35.852 | 1.913 |
| 95 | 17248 | 17249 | NS | 1 | 0.0 | 40.573 | 1.038 | 0.0 | 42.621 | 1.425 | 0.0 | 38.769 | 1.385 | 0.0 | 39.484 | 1.75 | 0.0 | 40.963 | 0.988 | 0.0 | 39.093 | 1.393 | 0.0 | 40.304 | 1.349 | 0.0 | 37.102 | 1.569 |
| 96 | 17248 | 17249 | NS | 1 | 0.0 | 44.235 | 3.9 | 0.0 | 45.039 | 5.147 | 0.0 | 38.54 | 3.895 | 0.0 | 43.031 | 4.924 | 0.0 | 43.87 | 4.055 | 0.0 | 43.885 | 4.982 | 0.0 | 37.873 | 3.938 | 0.0 | 42.173 | 4.563 |
| 97 | 17248 | 17249 | NS | 1 | 0.0 | 44.235 | 3.73 | 0.0 | 46.993 | 5.063 | 0.0 | 43.468 | 3.949 | 0.0 | 45.695 | 4.822 | 0.0 | 43.87 | 3.913 | 0.0 | 44.853 | 4.891 | 0.0 | 45.142 | 3.999 | 0.0 | 44.832 | 4.474 |
| 98 | 17248 | 17249 | SN | 1 | 0.0 | 47.208 | 2.1 | 0.0 | 47.745 | 2.471 | 0.0 | 44.951 | 2.652 | 0.0 | 48.158 | 3.473 | 0.0 | 48.512 | 2.07 | 0.0 | 48.886 | 2.197 | 0.0 | 43.893 | 2.461 | 0.0 | 44.228 | 2.797 |
| 99 | 17248 | 17249 | NS | 1 | 0.0 | 40.043 | 1.076 | 0.0 | 39.681 | 1.439 | 0.0 | 36.01 | 1.364 | 0.0 | 39.484 | 1.779 | 0.0 | 39.887 | 1.012 | 0.0 | 38.546 | 1.398 | 0.0 | 35.732 | 1.337 | 0.0 | 37.104 | 1.604 |
| 100 | 17248 | 17249 | SN | 1 | 0.0 | 45.657 | 0.552 | 0.0 | 39.761 | 0.661 | 0.0 | 36.638 | 0.787 | 0.0 | 45.675 | 0.997 | 0.0 | 45.44 | 0.548 | 0.0 | 40.816 | 0.593 | 0.0 | 37.258 | 0.717 | 0.0 | 44.558 | 0.826 |
| 101 | 17249 | 17250 | NS | 1 | 0.0 | 43.364 | 0.542 | 0.0 | 46.576 | 0.834 | 0.0 | 42.382 | 0.745 | 0.0 | 45.084 | 1.044 | 0.0 | 42.099 | 0.517 | 0.0 | 45.298 | 0.707 | 0.0 | 40.414 | 0.705 | 0.0 | 45.586 | 0.823 |
| 102 | 17249 | 17250 | NS | 1 | 0.0 | 45.282 | 2.29 | 0.0 | 41.011 | 3.305 | 0.0 | 44.476 | 2.39 | 0.0 | 40.633 | 3.033 | 0.0 | 45.938 | 2.28 | 0.0 | 41.418 | 3.012 | 0.0 | 41.566 | 2.276 | 0.0 | 41.715 | 2.493 |
| 103 | 17249 | 17250 | NS | 1 | 0.0 | 38.211 | 0.582 | 0.0 | 43.266 | 0.853 | 0.0 | 43.687 | 0.774 | 0.0 | 47.836 | 1.104 | 0.0 | 38.942 | 0.589 | 0.0 | 41.298 | 0.742 | 0.0 | 43.008 | 0.709 | 0.0 | 48.339 | 0.856 |

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

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|-----|-------|-------|----|---|-------|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 17249 | 17250 | SN | 1 | 0.0 | 47.043 | 1.006 | 0.0 | 41.88 | 1.254 | 0.0 | 46.591 | 1.287 | 0.0 | 43.469 | 1.548 | 0.0 | 47.441 | 1.022 | 0.0 | 42.367 | 1.163 | 0.0 | 47.619 | 1.209 | 0.0 | 43.301 | 1.296 |
| 105 | 17249 | 17250 | NS | 1 | 0.0 | 46.58 | 2.239 | 0.0 | 38.984 | 3.265 | 0.0 | 43.104 | 2.418 | 0.0 | 42.496 | 2.997 | 0.0 | 47.234 | 2.259 | 0.0 | 41.439 | 3.002 | 0.0 | 42.461 | 2.255 | 0.0 | 43.502 | 2.5 |
| 106 | 17249 | 17250 | NS | 1 | 0.0 | 46.927 | 2.335 | 0.0 | 49.043 | 3.415 | 0.0 | 40.519 | 2.392 | 0.0 | 39.401 | 3.15 | 0.0 | 47.652 | 2.356 | 0.0 | 49.03 | 3.139 | 0.0 | 40.379 | 2.213 | 0.0 | 40.73 | 2.658 |
| 107 | 17249 | 17250 | NS | 1 | 0.0 | 38.211 | 0.536 | 0.0 | 43.266 | 0.829 | 0.0 | 43.687 | 0.783 | 0.0 | 47.836 | 1.039 | 0.0 | 36.958 | 0.531 | 0.0 | 41.298 | 0.707 | 0.0 | 43.008 | 0.726 | 0.0 | 48.339 | 0.81 |
| 108 | 17249 | 17250 | SN | 1 | 0.0 | 47.043 | 0.999 | 0.0 | 41.88 | 1.254 | 0.0 | 46.591 | 1.291 | 0.0 | 43.469 | 1.546 | 0.0 | 47.441 | 1.024 | 0.0 | 42.367 | 1.163 | 0.0 | 47.619 | 1.225 | 0.0 | 43.301 | 1.296 |
| 109 | 17249 | 17250 | SN | 1 | 0.0 | 54.844 | 3.475 | 0.0 | 52.852 | 4.152 | 0.0 | 43.087 | 4.003 | 0.0 | 48.619 | 4.769 | 0.0 | 54.258 | 3.515 | 0.0 | 53.816 | 4.102 | 0.0 | 43.537 | 3.989 | 0.0 | 45.878 | 4.506 |
| 110 | 17249 | 17250 | SN | 1 | 0.0 | 54.844 | 3.455 | 0.0 | 52.852 | 4.142 | 0.0 | 43.087 | 4.017 | 0.0 | 48.619 | 4.769 | 0.0 | 54.258 | 3.495 | 0.0 | 53.816 | 4.092 | 0.0 | 43.537 | 3.996 | 0.0 | 45.878 | 4.506 |
| 111 | 17250 | 17251 | NS | 1 | 0.0 | 55.378 | 1.213 | 0.0 | 44.226 | 1.582 | 0.0 | 38.26 | 1.383 | 0.0 | 40.811 | 1.771 | 0.0 | 56.447 | 1.156 | 0.0 | 41.943 | 1.42 | 0.0 | 36.591 | 1.273 | 0.0 | 36.785 | 1.507 |
| 112 | 17250 | 17251 | SN | 1 | 0.0 | 44.074 | 1.469 | 0.0 | 42.539 | 2.089 | 0.0 | 37.479 | 1.891 | 0.0 | 39.291 | 2.376 | 0.0 | 42.989 | 1.466 | 0.0 | 42.566 | 2.021 | 0.0 | 39.507 | 1.881 | 0.0 | 36.746 | 2.19 |
| 113 | 17250 | 17251 | NS | 1 | 0.0 | 46.391 | 3.545 | 0.0 | 44.697 | 4.061 | 0.0 | 46.025 | 3.669 | 0.0 | 45.107 | 4.451 | 0.0 | 47.559 | 3.464 | 0.0 | 43.671 | 3.869 | 0.0 | 43.254 | 3.406 | 0.0 | 42.343 | 3.982 |
| 114 | 17250 | 17251 | NS | 1 | 0.0 | 46.391 | 3.545 | 0.0 | 44.697 | 4.061 | 0.0 | 46.025 | 3.669 | 0.0 | 45.107 | 4.451 | 0.0 | 47.559 | 3.464 | 0.0 | 43.671 | 3.869 | 0.0 | 43.254 | 3.406 | 0.0 | 42.343 | 3.982 |
| 115 | 17250 | 17251 | NS | 1 | 0.0 | 55.378 | 1.093 | 0.0 | 44.226 | 1.42 | 0.0 | 38.26 | 1.261 | 0.0 | 44.653 | 1.611 | 0.0 | 56.447 | 1.057 | 0.0 | 41.943 | 1.287 | 0.0 | 36.591 | 1.143 | 0.0 | 42.021 | 1.363 |
| 116 | 17250 | 17251 | NS | 1 | 0.0 | 46.391 | 3.904 | 0.0 | 44.697 | 4.473 | 0.0 | 46.025 | 4.035 | 0.0 | 45.107 | 4.9 | 0.0 | 47.559 | 3.837 | 0.0 | 43.671 | 4.283 | 0.0 | 43.254 | 3.823 | 0.0 | 42.343 | 4.398 |
| 117 | 17250 | 17251 | NS | 1 | 0.0 | 55.378 | 1.093 | 0.0 | 44.226 | 1.42 | 0.0 | 38.26 | 1.261 | 0.0 | 44.653 | 1.611 | 0.0 | 56.447 | 1.057 | 0.0 | 41.943 | 1.287 | 0.0 | 36.591 | 1.143 | 0.0 | 42.021 | 1.363 |
| 118 | 17250 | 17251 | SN | 1 | 0.0 | 42.403 | 5.101 | 0.557 | 51.101 | 5.915 | 0.0 | 39.671 | 5.904 | 0.0 | 39.63 | 6.762 | 0.0 | 42.104 | 5.283 | 0.401 | 49.131 | 5.854 | 0.0 | 42.184 | 5.968 | 0.0 | 40.026 | 6.52 |
| 119 | 17250 | 17251 | SN | 1 | 0.0 | 42.43 | 5.1 | 0.557 | 50.602 | 5.884 | 0.0 | 39.671 | 5.94 | 0.0 | 39.719 | 6.762 | 0.0 | 42.129 | 5.292 | 0.401 | 48.631 | 5.884 | 0.0 | 42.184 | 5.983 | 0.0 | 39.94 | 6.513 |
| 120 | 17250 | 17251 | SN | 1 | 0.0 | 44.074 | 1.464 | 0.0 | 42.541 | 2.095 | 0.0 | 37.479 | 1.898 | 0.0 | 38.274 | 2.375 | 0.0 | 42.989 | 1.462 | 0.0 | 42.568 | 2.025 | 0.0 | 39.507 | 1.886 | 0.0 | 36.753 | 2.176 |
| 121 | 17251 | 17252 | NS | 1 | 0.0 | 54.66 | 4.039 | 0.0 | 48.421 | 5.528 | 0.0 | 45.398 | 4.063 | 0.0 | 49.351 | 5.015 | 0.0 | 54.756 | 4.074 | 0.0 | 49.244 | 5.409 | 0.0 | 48.661 | 3.988 | 0.0 | 49.27 | 4.706 |
| 122 | 17251 | 17252 | NS | 1 | 0.0 | 45.08 | 1.191 | 0.0 | 47.026 | 1.533 | 0.0 | 40.301 | 1.115 | 0.0 | 39.837 | 1.43 | 0.0 | 45.223 | 1.186 | 0.0 | 45.037 | 1.424 | 0.0 | 40.104 | 1.081 | 0.0 | 38.364 | 1.246 |
| 123 | 17251 | 17252 | NS | 1 | 0.0 | 45.002 | 1.186 | 0.0 | 47.026 | 1.535 | 0.0 | 39.948 | 1.118 | 0.0 | 39.837 | 1.423 | 0.0 | 45.144 | 1.186 | 0.0 | 45.037 | 1.431 | 0.0 | 40.104 | 1.085 | 0.0 | 37.413 | 1.244 |
| 124 | 17251 | 17252 | SN | 1 | 0.0 | 45.632 | 1.021 | 0.0 | 54.159 | 1.424 | 0.0 | 43.775 | 1.458 | 0.0 | 43.082 | 1.903 | 0.0 | 46.833 | 1.026 | 0.0 | 52.25 | 1.38 | 0.0 | 44.165 | 1.483 | 0.0 | 39.275 | 1.853 |
| 125 | 17251 | 17252 | NS | 1 | 0.0 | 45.08 | 1.329 | 0.0 | 47.026 | 1.743 | 0.0 | 40.301 | 1.202 | 0.0 | 39.837 | 1.569 | 0.0 | 45.223 | 1.316 | 0.0 | 45.037 | 1.634 | 0.0 | 40.104 | 1.185 | 0.0 | 38.364 | 1.398 |
| 126 | 17251 | 17252 | SN | 1 | 0.0 | 40.182 | 0.94 | 0.0 | 54.159 | 1.342 | 0.0 | 43.775 | 1.347 | 0.0 | 43.082 | 1.776 | 0.0 | 39.118 | 0.947 | 0.0 | 52.25 | 1.295 | 0.0 | 44.165 | 1.368 | 0.0 | 39.275 | 1.737 |
| 127 | 17251 | 17252 | SN | 1 | 0.0 | 40.022 | 0.929 | 0.0 | 54.44 | 1.322 | 0.0 | 42.406 | 1.331 | 0.0 | 46.882 | 1.803 | 0.0 | 38.958 | 0.924 | 0.0 | 52.53 | 1.272 | 0.0 | 42.796 | 1.354 | 0.0 | 43.074 | 1.743 |
| 128 | 17251 | 17252 | SN | 1 | 0.0 | 48.447 | 3.363 | 0.0 | 42.799 | 4.0 | 0.0 | 44.667 | 4.142 | 0.0 | 44.326 | 5.334 | 0.0 | 47.288 | 3.293 | 0.0 | 40.3 | 3.899 | 0.0 | 42.848 | 4.199 | 0.0 | 42.744 | 5.07 |
| 129 | 17251 | 17252 | SN | 1 | 0.0 | 44.305 | 3.404 | 0.0 | 43.936 | 3.95 | 0.0 | 37.133 | 4.135 | 0.0 | 49.68 | 5.27 | 0.0 | 44.192 | 3.323 | 0.0 | 42.909 | 3.848 | 0.0 | 38.424 | 4.156 | 0.0 | 44.467 | 5.063 |
| 130 | 17251 | 17252 | NS | 1 | 0.0 | 54.66 | 3.587 | 0.0 | 48.421 | 4.909 | 0.0 | 45.398 | 3.663 | 0.0 | 49.351 | 4.6 | 0.0 | 54.756 | 3.638 | 0.0 | 49.244 | 4.767 | 0.0 | 48.661 | 3.578 | 0.0 | 49.27 | 4.231 |
| 131 | 17251 | 17252 | NS | 1 | 0.0 | 54.66 | 3.597 | 0.0 | 48.421 | 4.898 | 0.0 | 45.398 | 3.663 | 0.0 | 49.017 | 4.578 | 0.0 | 54.756 | 3.648 | 0.0 | 49.244 | 4.767 | 0.0 | 48.661 | 3.564 | 0.0 | 48.936 | 4.231 |
| 132 | 17251 | 17252 | SN | 1 | 0.0 | 43.291 | 3.673 | 0.0 | 43.936 | 4.208 | 0.0 | 37.133 | 4.415 | 0.0 | 49.68 | 5.685 | 0.0 | 44.192 | 3.575 | 0.0 | 42.909 | 4.142 | 0.0 | 38.424 | 4.423 | 0.0 | 44.467 | 5.478 |
| 133 | 17252 | 17253 | NS | 1 | 0.354 | 54.089 | 7.512 | 0.0 | 52.743 | 8.914 | 0.0 | 48.106 | 6.176 | 0.0 | 46.203 | 7.279 | 0.267 | 54.355 | 7.603 | 0.0 | 55.97 | 8.53 | 0.0 | 47.338 | 6.105 | 0.0 | 48.047 | 6.676 |
| 134 | 17252 | 17253 | SN | 1 | 0.0 | 45.012 | 4.231 | 0.0 | 53.345 | 5.407 | 0.0 | 46.702 | 3.681 | 0.0 | 44.198 | 4.732 | 0.0 | 45.471 | 4.292 | 0.0 | 52.25 | 5.022 | 0.0 | 46.634 | 3.56 | 0.0 | 43.451 | 4.27 |
| 135 | 17252 | 17253 | SN | 1 | 0.0 | 45.808 | 0.999 | 0.0 | 43.998 | 1.378 | 0.0 | 38.907 | 0.95 | 0.0 | 44.719 | 1.334 | 0.0 | 44.197 | 1.023 | 0.0 | 43.801 | 1.294 | 0.0 | 38.222 | 0.895 | 0.0 | 42.88 | 1.166 |
| 136 | 17252 | 17253 | NS | 1 | 0.0 | 50.602 | 2.021 | 0.0 | 48.806 | 2.357 | 0.0 | 43.254 | 1.704 | 0.0 | 41.022 | 2.149 | 0.0 | 51.26 | 2.037 | 0.0 | 45.673 | 2.177 | 0.0 | 41.236 | 1.683 | 0.0 | 41.049 | 1.879 |
| 137 | 17252 | 17253 | NS | 1 | 0.0 | 50.073 | 2.014 | 0.0 | 48.806 | 2.364 | 0.0 | 44.206 | 1.74 | 0.0 | 41.022 | 2.156 | 0.0 | 51.26 | 2.014 | 0.0 | 45.673 | 2.193 | 0.0 | 44.718 | 1.703 | 0.0 | 41.049 | 1.897 |
| 138 | 17252 | 17253 | SN | 1 | 0.0 | 45.012 | 4.317 | 0.0 | 53.345 | 5.523 | 0.0 | 46.702 | 3.758 | 0.0 | 44.198 | 4.866 | 0.0 | 45.471 | 4.379 | 0.0 | 52.25 | 5.139 | 0.0 | 46.634 | 3.642 | 0.0 | 43.451 | 4.378 |
| 139 | 17252 | 17253 | NS | 1 | 0.353 | 54.089 | 7.553 | 0.0 | 52.743 | 8.842 | 0.0 | 48.106 | 6.162 | 0.0 | 46.11 | 7.237 | 0.264 | 54.355 | 7.634 | 0.0 | 55.97 | 8.508 | 0.0 | 47.338 | 6.084 | 0.0 | 47.953 | 6.654 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 140 | 17252 | 17253 | SN | 1 | 0.0 | 45.808 | 1.021 | 0.0 | 43.998 | 1.406 | 0.0 | 38.907 | 0.972 | 0.0 | 44.719 | 1.364 | 0.0 | 44.197 | 1.047 | 0.0 | 43.801 | 1.322 | 0.0 | 38.222 | 0.916 | 0.0 | 42.88 | 1.195 |
| 141 | 17253 | 17254 | SN | 1 | 0.0 | 44.611 | 1.682 | 0.0 | 40.66 | 2.313 | 0.0 | 43.511 | 1.99 | 0.0 | 39.26 | 2.626 | 0.0 | 43.836 | 1.762 | 0.0 | 41.809 | 2.253 | 0.0 | 42.371 | 2.112 | 0.0 | 36.771 | 2.634 |
| 142 | 17253 | 17254 | NS | 1 | 0.0 | 43.324 | 1.27 | 0.0 | 46.806 | 1.63 | 0.0 | 40.59 | 1.408 | 0.0 | 44.391 | 1.791 | 0.0 | 42.248 | 1.261 | 0.0 | 45.492 | 1.574 | 0.0 | 38.478 | 1.415 | 0.0 | 44.602 | 1.658 |
| 143 | 17253 | 17254 | NS | 1 | 0.0 | 42.312 | 1.344 | 0.0 | 50.838 | 1.724 | 0.0 | 41.067 | 1.436 | 0.0 | 47.657 | 1.786 | 0.0 | 41.85 | 1.36 | 0.0 | 49.961 | 1.636 | 0.0 | 41.539 | 1.427 | 0.0 | 46.702 | 1.628 |
| 144 | 17253 | 17254 | NS | 1 | 0.183 | 56.448 | 4.572 | 0.0 | 51.93 | 5.689 | 0.0 | 48.58 | 4.561 | 0.0 | 48.254 | 5.419 | 0.032 | 56.894 | 4.633 | 0.0 | 53.714 | 5.628 | 0.0 | 50.522 | 4.632 | 0.0 | 47.737 | 5.291 |
| 145 | 17253 | 17254 | NS | 1 | 0.0 | 55.076 | 4.721 | 0.0 | 53.867 | 6.044 | 0.0 | 46.226 | 4.509 | 0.0 | 47.696 | 5.576 | 0.0 | 56.077 | 4.812 | 0.0 | 56.467 | 6.034 | 0.0 | 45.12 | 4.481 | 0.0 | 47.924 | 5.256 |
| 146 | 17253 | 17254 | SN | 1 | 0.0 | 44.611 | 1.664 | 0.0 | 40.66 | 2.289 | 0.0 | 43.511 | 1.969 | 0.0 | 39.26 | 2.601 | 0.0 | 43.836 | 1.743 | 0.0 | 41.809 | 2.23 | 0.0 | 42.371 | 2.089 | 0.0 | 36.771 | 2.607 |
| 147 | 17253 | 17254 | SN | 1 | 0.0 | 42.843 | 5.582 | 0.0 | 44.595 | 6.843 | 0.0 | 46.054 | 6.146 | 0.0 | 44.38 | 7.456 | 0.0 | 43.303 | 5.776 | 0.0 | 43.39 | 6.976 | 0.0 | 45.853 | 6.597 | 0.0 | 47.289 | 7.765 |
| 148 | 17253 | 17254 | SN | 1 | 0.0 | 42.843 | 5.588 | 0.0 | 44.595 | 6.843 | 0.0 | 46.054 | 6.153 | 0.0 | 44.38 | 7.456 | 0.0 | 43.303 | 5.783 | 0.0 | 43.39 | 6.976 | 0.0 | 45.853 | 6.605 | 0.0 | 47.289 | 7.765 |
| 149 | 17253 | 17254 | SN | 1 | 0.0 | 42.843 | 5.524 | 0.0 | 44.595 | 6.774 | 0.0 | 46.054 | 6.081 | 0.0 | 44.38 | 7.379 | 0.0 | 43.303 | 5.716 | 0.0 | 43.39 | 6.906 | 0.0 | 45.853 | 6.529 | 0.0 | 47.289 | 7.685 |
| 150 | 17253 | 17254 | SN | 1 | 0.0 | 44.611 | 1.684 | 0.0 | 40.66 | 2.313 | 0.0 | 43.511 | 1.992 | 0.0 | 39.26 | 2.626 | 0.0 | 43.836 | 1.764 | 0.0 | 41.809 | 2.253 | 0.0 | 42.371 | 2.114 | 0.0 | 36.771 | 2.634 |
| 151 | 17254 | 17255 | SN | 1 | 0.464 | 39.391 | 2.86 | 0.0 | 40.988 | 4.463 | 0.0 | 42.94 | 4.046 | 0.0 | 44.455 | 5.74 | 0.138 | 40.058 | 2.86 | 0.0 | 40.573 | 4.34 | 0.0 | 43.267 | 4.089 | 0.0 | 43.752 | 5.364 |
| 152 | 17254 | 17255 | NS | 1 | 0.0 | 47.089 | 3.332 | 0.0 | 43.202 | 4.831 | 0.0 | 39.172 | 3.385 | 0.0 | 51.449 | 4.524 | 0.0 | 46.678 | 3.353 | 0.0 | 42.723 | 4.457 | 0.0 | 39.613 | 3.265 | 0.0 | 45.595 | 4.091 |
| 153 | 17254 | 17255 | NS | 1 | 0.0 | 46.059 | 3.302 | 0.0 | 43.508 | 4.821 | 0.0 | 43.4 | 3.457 | 0.0 | 45.131 | 4.631 | 0.0 | 45.649 | 3.302 | 0.0 | 43.45 | 4.397 | 0.0 | 44.709 | 3.293 | 0.0 | 43.058 | 4.233 |
| 154 | 17254 | 17255 | SN | 1 | 0.0 | 38.208 | 0.844 | 0.0 | 40.794 | 1.453 | 0.0 | 40.511 | 1.388 | 0.0 | 38.449 | 2.09 | 0.0 | 38.377 | 0.85 | 0.0 | 38.711 | 1.351 | 0.0 | 41.594 | 1.316 | 0.0 | 36.793 | 1.815 |
| 155 | 17254 | 17255 | SN | 1 | 0.0 | 38.208 | 0.844 | 0.0 | 40.794 | 1.453 | 0.0 | 40.788 | 1.39 | 0.0 | 38.449 | 2.09 | 0.0 | 38.377 | 0.85 | 0.0 | 38.711 | 1.351 | 0.0 | 41.871 | 1.317 | 0.0 | 36.793 | 1.817 |
| 156 | 17254 | 17255 | NS | 1 | 0.0 | 45.61 | 0.929 | 0.0 | 41.679 | 1.389 | 0.0 | 38.641 | 1.141 | 0.0 | 35.813 | 1.651 | 0.0 | 45.425 | 0.906 | 0.0 | 41.269 | 1.215 | 0.0 | 36.975 | 1.079 | 0.0 | 36.195 | 1.36 |
| 157 | 17254 | 17255 | NS | 1 | 0.0 | 39.982 | 0.902 | 0.0 | 41.961 | 1.38 | 0.0 | 38.562 | 1.118 | 0.0 | 36.596 | 1.644 | 0.0 | 41.387 | 0.868 | 0.0 | 41.549 | 1.211 | 0.0 | 36.898 | 1.024 | 0.0 | 36.132 | 1.372 |
| 158 | 17254 | 17255 | SN | 1 | 0.0 | 39.391 | 2.818 | 0.0 | 40.988 | 4.395 | 0.0 | 42.94 | 3.994 | 0.0 | 44.455 | 5.659 | 0.0 | 40.058 | 2.818 | 0.0 | 40.573 | 4.274 | 0.0 | 43.267 | 4.037 | 0.0 | 43.752 | 5.289 |
| 159 | 17254 | 17255 | SN | 1 | 0.0 | 39.391 | 2.818 | 0.0 | 40.988 | 4.395 | 0.0 | 42.94 | 3.994 | 0.0 | 44.455 | 5.659 | 0.0 | 40.058 | 2.818 | 0.0 | 40.573 | 4.274 | 0.0 | 43.267 | 4.03 | 0.0 | 43.752 | 5.289 |
| 160 | 17254 | 17255 | SN | 1 | 0.0 | 38.208 | 0.856 | 0.0 | 40.794 | 1.473 | 0.0 | 40.788 | 1.41 | 0.0 | 38.449 | 2.118 | 0.0 | 38.377 | 0.863 | 0.0 | 38.711 | 1.37 | 0.0 | 41.871 | 1.336 | 0.0 | 36.793 | 1.841 |
| 161 | 17255 | 17256 | SN | 1 | 0.0 | 41.121 | 1.087 | 0.0 | 46.455 | 1.726 | 0.0 | 40.027 | 1.405 | 0.0 | 39.295 | 1.987 | 0.0 | 39.586 | 1.124 | 0.0 | 44.293 | 1.576 | 0.0 | 39.913 | 1.434 | 0.0 | 39.329 | 1.814 |
| 162 | 17255 | 17256 | SN | 1 | 0.0 | 38.393 | 1.089 | 0.0 | 40.544 | 1.689 | 0.0 | 40.159 | 1.384 | 0.0 | 39.295 | 1.888 | 0.0 | 38.932 | 1.121 | 0.0 | 41.591 | 1.551 | 0.0 | 40.042 | 1.428 | 0.0 | 39.329 | 1.755 |
| 163 | 17255 | 17256 | SN | 1 | 0.0 | 48.683 | 4.703 | 0.0 | 45.937 | 5.566 | 0.0 | 42.507 | 4.473 | 0.0 | 45.72 | 5.846 | 0.0 | 49.281 | 4.734 | 0.0 | 45.365 | 5.287 | 0.0 | 43.335 | 4.597 | 0.0 | 41.982 | 5.635 |
| 164 | 17255 | 17256 | SN | 1 | 0.0 | 50.355 | 4.596 | 0.0 | 45.937 | 5.44 | 0.0 | 42.507 | 4.376 | 0.0 | 45.72 | 5.725 | 0.0 | 51.828 | 4.616 | 0.0 | 45.365 | 5.166 | 0.0 | 43.335 | 4.496 | 0.0 | 41.982 | 5.497 |
| 165 | 17255 | 17256 | NS | 1 | 0.0 | 40.807 | 0.893 | 0.0 | 43.339 | 1.467 | 0.0 | 44.246 | 0.833 | 0.0 | 44.554 | 1.32 | 0.0 | 41.445 | 0.891 | 0.0 | 42.919 | 1.35 | 0.0 | 43.171 | 0.747 | 0.0 | 39.67 | 1.113 |
| 166 | 17255 | 17256 | SN | 1 | 0.0 | 50.706 | 4.616 | 0.0 | 43.103 | 5.5 | 0.0 | 38.697 | 4.355 | 0.0 | 40.522 | 5.711 | 0.0 | 52.177 | 4.515 | 0.0 | 41.743 | 5.176 | 0.0 | 37.594 | 4.433 | 0.0 | 38.13 | 5.597 |
| 167 | 17255 | 17256 | NS | 1 | 0.0 | 49.881 | 3.993 | 0.0 | 47.392 | 5.524 | 0.0 | 43.372 | 3.471 | 0.0 | 45.619 | 4.451 | 0.0 | 50.896 | 4.024 | 0.0 | 48.174 | 5.181 | 0.0 | 42.435 | 3.336 | 0.0 | 44.736 | 3.904 |
| 168 | 17255 | 17256 | NS | 1 | 0.0 | 49.912 | 3.983 | 0.0 | 47.3 | 5.554 | 0.0 | 43.372 | 3.478 | 0.0 | 46.531 | 4.401 | 0.0 | 50.927 | 3.993 | 0.0 | 48.051 | 5.171 | 0.0 | 42.435 | 3.365 | 0.0 | 44.959 | 3.904 |
| 169 | 17255 | 17256 | SN | 1 | 0.0 | 39.948 | 1.062 | 0.0 | 46.455 | 1.689 | 0.0 | 40.027 | 1.382 | 0.0 | 39.295 | 1.956 | 0.0 | 39.523 | 1.096 | 0.0 | 44.293 | 1.542 | 0.0 | 39.913 | 1.409 | 0.0 | 39.329 | 1.783 |
| 170 | 17255 | 17256 | NS | 1 | 0.0 | 40.807 | 0.891 | 0.0 | 43.339 | 1.474 | 0.0 | 44.246 | 0.831 | 0.0 | 41.969 | 1.303 | 0.0 | 41.445 | 0.875 | 0.0 | 43.078 | 1.345 | 0.0 | 43.171 | 0.74 | 0.0 | 39.332 | 1.088 |
| 171 | 17256 | 17257 | SN | 1 | 0.0 | 37.47 | 0.85 | 0.0 | 39.933 | 1.186 | 0.0 | 44.577 | 1.067 | 0.0 | 36.04 | 1.584 | 0.0 | 38.313 | 0.809 | 0.0 | 37.962 | 1.053 | 0.0 | 43.71 | 0.995 | 0.0 | 39.654 | 1.27 |
| 172 | 17256 | 17257 | SN | 1 | 0.0 | 37.061 | 0.832 | 0.0 | 39.379 | 1.222 | 0.0 | 43.536 | 1.03 | 0.0 | 37.054 | 1.579 | 0.0 | 37.903 | 0.807 | 0.0 | 37.864 | 1.064 | 0.0 | 42.672 | 0.959 | 0.0 | 35.842 | 1.254 |
| 173 | 17256 | 17257 | NS | 1 | 0.0 | 48.706 | 1.774 | 0.0 | 45.565 | 2.304 | 0.0 | 39.473 | 2.482 | 0.0 | 38.636 | 3.253 | 0.0 | 49.689 | 1.834 | 0.0 | 45.807 | 1.97 | 0.0 | 40.717 | 2.454 | 0.0 | 39.16 | 2.94 |
| 174 | 17256 | 17257 | SN | 1 | 0.0 | 49.342 | 2.435 | 0.0 | 48.466 | 3.019 | 0.0 | 45.338 | 3.113 | 0.0 | 41.904 | 4.23 | 0.0 | 50.143 | 2.465 | 0.0 | 44.833 | 2.654 | 0.0 | 43.39 | 3.014 | 0.0 | 38.86 | 3.582 |
| 175 | 17256 | 17257 | SN | 1 | 0.0 | 49.012 | 2.544 | 0.0 | 48.466 | 3.109 | 0.0 | 43.362 | 3.222 | 0.0 | 41.904 | 4.35 | 0.0 | 49.813 | 2.576 | 0.0 | 44.833 | 2.731 | 0.0 | 42.277 | 3.141 | 0.0 | 38.86 | 3.708 |

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

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|-----|-------|-------|----|---|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 176 | 17256 | 17257 | NS | 1 | 0.0 | 40.214 | 0.549 | 0.0 | 42.923 | 0.725 | 0.0 | 47.34 | 0.733 | 0.0 | 39.054 | 1.018 | 0.0 | 40.314 | 0.551 | 0.0 | 40.073 | 0.596 | 0.0 | 46.872 | 0.708 | 0.0 | 37.214 | 0.874 |
| 177 | 17256 | 17257 | SN | 1 | 0.0 | 49.787 | 2.526 | 0.0 | 42.437 | 3.009 | 0.0 | 43.231 | 3.064 | 0.0 | 41.048 | 4.173 | 0.0 | 50.59 | 2.526 | 0.0 | 42.46 | 2.684 | 0.0 | 43.191 | 2.986 | 0.0 | 38.861 | 3.546 |
| 178 | 17256 | 17257 | NS | 1 | 0.0 | 40.214 | 0.531 | 0.0 | 42.36 | 0.666 | 0.0 | 45.22 | 0.731 | 0.0 | 41.076 | 1.0 | 0.0 | 40.314 | 0.536 | 0.0 | 39.565 | 0.605 | 0.0 | 43.798 | 0.715 | 0.0 | 40.002 | 0.849 |
| 179 | 17256 | 17257 | NS | 1 | 0.0 | 45.403 | 1.875 | 0.0 | 46.521 | 2.262 | 0.0 | 47.253 | 2.205 | 0.0 | 40.702 | 3.251 | 0.0 | 45.492 | 1.834 | 0.0 | 46.485 | 1.959 | 0.0 | 47.03 | 2.091 | 0.0 | 43.917 | 2.769 |
| 180 | 17256 | 17257 | SN | 1 | 0.0 | 36.681 | 0.876 | 0.0 | 39.933 | 1.228 | 0.0 | 44.577 | 1.114 | 0.0 | 40.784 | 1.637 | 0.0 | 37.447 | 0.837 | 0.0 | 37.962 | 1.09 | 0.0 | 43.71 | 1.039 | 0.0 | 39.654 | 1.311 |
| 181 | 17257 | 17258 | SN | 1 | 0.0 | 43.226 | 1.667 | 0.0 | 41.972 | 2.271 | 0.0 | 38.359 | 1.575 | 0.0 | 36.664 | 2.206 | 0.0 | 42.437 | 1.684 | 0.0 | 44.56 | 2.159 | 0.0 | 38.795 | 1.564 | 0.0 | 35.501 | 2.172 |
| 182 | 17257 | 17258 | SN | 1 | 0.0 | 51.807 | 6.405 | 0.0 | 54.42 | 8.066 | 0.0 | 45.035 | 5.487 | 0.0 | 42.021 | 6.761 | 0.0 | 52.981 | 6.586 | 0.0 | 55.444 | 8.109 | 0.0 | 46.561 | 5.45 | 0.0 | 43.722 | 6.753 |
| 183 | 17257 | 17258 | NS | 1 | 0.0 | 49.196 | 4.167 | 0.0 | 51.3 | 5.437 | 0.0 | 48.468 | 4.718 | 0.0 | 47.744 | 5.582 | 0.0 | 50.124 | 4.369 | 0.0 | 51.394 | 5.255 | 0.0 | 46.527 | 4.689 | 0.0 | 49.292 | 4.929 |
| 184 | 17257 | 17258 | NS | 1 | 0.0 | 49.241 | 4.126 | 0.0 | 52.126 | 5.407 | 0.0 | 48.104 | 4.767 | 0.0 | 47.519 | 5.675 | 0.0 | 50.169 | 4.319 | 0.0 | 52.223 | 5.225 | 0.0 | 46.163 | 4.739 | 0.0 | 49.067 | 4.972 |
| 185 | 17257 | 17258 | SN | 1 | 0.0 | 51.807 | 6.083 | 0.0 | 54.42 | 7.637 | 0.0 | 45.035 | 5.223 | 0.0 | 42.021 | 6.447 | 0.0 | 52.981 | 6.244 | 0.0 | 55.444 | 7.678 | 0.0 | 46.561 | 5.18 | 0.0 | 43.722 | 6.404 |
| 186 | 17257 | 17258 | SN | 1 | 0.0 | 51.807 | 6.083 | 0.0 | 54.42 | 7.637 | 0.0 | 45.035 | 5.223 | 0.0 | 42.021 | 6.447 | 0.0 | 52.981 | 6.244 | 0.0 | 55.444 | 7.678 | 0.0 | 46.561 | 5.18 | 0.0 | 43.722 | 6.404 |
| 187 | 17257 | 17258 | NS | 1 | 0.0 | 48.133 | 1.27 | 0.0 | 46.857 | 1.707 | 0.0 | 43.336 | 1.369 | 0.0 | 39.449 | 1.892 | 0.0 | 49.365 | 1.3 | 0.0 | 45.139 | 1.547 | 0.0 | 42.528 | 1.277 | 0.0 | 36.255 | 1.613 |
| 188 | 17257 | 17258 | NS | 1 | 0.0 | 49.397 | 1.295 | 0.0 | 46.447 | 1.671 | 0.0 | 43.939 | 1.364 | 0.0 | 39.92 | 1.838 | 0.0 | 51.372 | 1.295 | 0.0 | 44.73 | 1.526 | 0.0 | 43.131 | 1.305 | 0.0 | 37.754 | 1.567 |
| 189 | 17257 | 17258 | SN | 1 | 0.0 | 43.226 | 1.581 | 0.0 | 41.972 | 2.156 | 0.0 | 38.536 | 1.506 | 0.0 | 36.664 | 2.102 | 0.0 | 42.437 | 1.597 | 0.0 | 44.56 | 2.052 | 0.0 | 38.795 | 1.485 | 0.0 | 35.501 | 2.066 |
| 190 | 17257 | 17258 | SN | 1 | 0.0 | 43.226 | 1.581 | 0.0 | 41.972 | 2.156 | 0.0 | 38.536 | 1.506 | 0.0 | 36.664 | 2.104 | 0.0 | 42.437 | 1.597 | 0.0 | 44.56 | 2.052 | 0.0 | 38.795 | 1.485 | 0.0 | 35.501 | 2.066 |
| 191 | 17258 | 17259 | SN | 1 | 0.0 | 58.63 | 5.213 | 0.0 | 47.587 | 5.662 | 0.0 | 46.789 | 3.781 | 0.0 | 47.431 | 4.941 | 0.0 | 57.716 | 5.274 | 0.0 | 48.338 | 5.561 | 0.0 | 47.288 | 3.731 | 0.0 | 49.558 | 4.706 |
| 192 | 17258 | 17259 | SN | 1 | 0.0 | 45.841 | 1.449 | 0.0 | 48.862 | 1.666 | 0.0 | 42.957 | 1.179 | 0.0 | 41.107 | 1.597 | 0.0 | 44.56 | 1.481 | 0.0 | 48.016 | 1.581 | 0.0 | 42.625 | 1.127 | 0.0 | 39.869 | 1.534 |
| 193 | 17258 | 17259 | SN | 1 | 0.0 | 58.63 | 5.622 | 0.0 | 47.587 | 6.035 | 0.0 | 46.789 | 4.058 | 0.0 | 47.431 | 5.245 | 0.0 | 57.716 | 5.688 | 0.0 | 48.338 | 5.958 | 0.0 | 47.288 | 4.012 | 0.0 | 49.558 | 5.045 |
| 194 | 17258 | 17259 | SN | 1 | 0.0 | 45.841 | 1.344 | 0.0 | 48.862 | 1.55 | 0.0 | 42.957 | 1.092 | 0.0 | 41.107 | 1.491 | 0.0 | 44.56 | 1.374 | 0.0 | 48.016 | 1.469 | 0.0 | 42.625 | 1.036 | 0.0 | 39.869 | 1.426 |
| 195 | 17258 | 17259 | NS | 1 | 0.0 | 45.944 | 1.356 | 0.0 | 42.338 | 1.902 | 0.0 | 37.815 | 1.713 | 0.0 | 37.539 | 2.465 | 0.0 | 46.134 | 1.367 | 0.0 | 42.191 | 1.809 | 0.0 | 36.339 | 1.659 | 0.0 | 37.275 | 2.202 |
| 196 | 17258 | 17259 | NS | 1 | 0.0 | 41.263 | 1.32 | 0.0 | 42.85 | 1.911 | 0.0 | 39.699 | 1.638 | 0.0 | 41.149 | 2.412 | 0.0 | 41.45 | 1.333 | 0.0 | 43.039 | 1.76 | 0.0 | 43.537 | 1.617 | 0.0 | 40.63 | 2.202 |
| 197 | 17258 | 17259 | NS | 1 | 0.0 | 46.537 | 5.055 | 0.0 | 46.461 | 6.844 | 0.0 | 46.701 | 5.292 | 0.0 | 43.857 | 6.982 | 0.0 | 48.852 | 5.217 | 0.0 | 47.297 | 6.611 | 0.0 | 44.757 | 5.306 | 0.0 | 40.977 | 6.535 |
| 198 | 17258 | 17259 | NS | 1 | 0.0 | 47.312 | 4.975 | 0.0 | 45.989 | 6.905 | 0.0 | 47.084 | 5.349 | 0.0 | 45.946 | 6.989 | 0.0 | 47.479 | 5.147 | 0.0 | 47.725 | 6.672 | 0.0 | 45.141 | 5.306 | 0.0 | 42.798 | 6.62 |
| 199 | 17258 | 17259 | SN | 1 | 0.0 | 45.841 | 1.344 | 0.0 | 48.862 | 1.548 | 0.0 | 42.957 | 1.089 | 0.0 | 41.107 | 1.49 | 0.0 | 44.56 | 1.374 | 0.0 | 48.016 | 1.469 | 0.0 | 42.625 | 1.039 | 0.0 | 39.869 | 1.424 |
| 200 | 17258 | 17259 | SN | 1 | 0.0 | 58.63 | 5.223 | 0.0 | 47.587 | 5.662 | 0.0 | 46.789 | 3.781 | 0.0 | 47.431 | 4.941 | 0.0 | 57.716 | 5.284 | 0.0 | 48.338 | 5.561 | 0.0 | 47.288 | 3.731 | 0.0 | 49.558 | 4.706 |
| 201 | 17259 | 17260 | NS | 1 | 0.0 | 45.499 | 0.735 | 0.0 | 43.362 | 1.122 | 0.0 | 38.028 | 0.973 | 0.0 | 48.35 | 1.588 | 0.0 | 43.898 | 0.741 | 0.0 | 44.235 | 1.0 | 0.0 | 38.832 | 0.881 | 0.0 | 47.121 | 1.335 |
| 202 | 17259 | 17260 | SN | 1 | 0.0 | 50.264 | 4.131 | 0.0 | 51.478 | 4.407 | 0.0 | 46.285 | 3.596 | 0.0 | 49.498 | 4.144 | 0.0 | 49.894 | 4.191 | 0.0 | 50.051 | 4.113 | 0.0 | 48.137 | 3.447 | 0.0 | 47.621 | 3.838 |
| 203 | 17259 | 17260 | SN | 1 | 0.0 | 47.105 | 1.334 | 0.0 | 47.778 | 1.515 | 0.0 | 45.55 | 1.2 | 0.0 | 43.075 | 1.369 | 0.0 | 49.438 | 1.352 | 0.0 | 47.152 | 1.421 | 0.0 | 44.801 | 1.129 | 0.0 | 43.225 | 1.252 |
| 204 | 17259 | 17260 | NS | 1 | 0.122 | 45.476 | 2.422 | 0.0 | 48.633 | 3.798 | 0.0 | 41.163 | 3.486 | 0.0 | 46.722 | 4.906 | 0.053 | 45.6 | 2.433 | 0.0 | 48.527 | 3.434 | 0.0 | 40.882 | 3.308 | 0.0 | 45.896 | 4.324 |
| 205 | 17259 | 17260 | NS | 1 | 0.0 | 45.459 | 2.402 | 0.0 | 48.633 | 3.777 | 0.0 | 40.702 | 3.45 | 0.0 | 41.842 | 4.856 | 0.0 | 45.584 | 2.402 | 0.0 | 48.527 | 3.424 | 0.0 | 40.926 | 3.28 | 0.0 | 44.49 | 4.288 |
| 206 | 17259 | 17260 | SN | 1 | 0.0 | 50.264 | 4.582 | 0.0 | 51.478 | 4.78 | 0.0 | 46.285 | 3.965 | 0.0 | 49.498 | 4.483 | 0.0 | 49.894 | 4.649 | 0.0 | 50.051 | 4.475 | 0.0 | 48.137 | 3.83 | 0.0 | 47.621 | 4.221 |
| 207 | 17259 | 17260 | SN | 1 | 0.0 | 47.105 | 1.199 | 0.0 | 47.778 | 1.379 | 0.0 | 45.55 | 1.087 | 0.0 | 43.075 | 1.266 | 0.0 | 49.438 | 1.215 | 0.0 | 47.152 | 1.288 | 0.0 | 44.801 | 1.023 | 0.0 | 43.225 | 1.14 |
| 208 | 17259 | 17260 | SN | 1 | 0.0 | 49.414 | 1.184 | 0.0 | 47.474 | 1.381 | 0.0 | 43.582 | 1.092 | 0.0 | 39.039 | 1.266 | 0.0 | 51.747 | 1.215 | 0.0 | 47.098 | 1.315 | 0.0 | 44.002 | 1.048 | 0.0 | 40.078 | 1.151 |
| 209 | 17259 | 17260 | SN | 1 | 0.0 | 52.412 | 4.029 | 0.0 | 51.175 | 4.417 | 0.0 | 42.604 | 3.568 | 0.0 | 48.082 | 4.087 | 0.0 | 53.849 | 4.1 | 0.0 | 50.118 | 4.275 | 0.0 | 45.223 | 3.461 | 0.0 | 49.184 | 3.845 |
| 210 | 17259 | 17260 | NS | 1 | 0.0 | 45.511 | 0.744 | 0.0 | 43.956 | 1.097 | 0.0 | 38.616 | 0.962 | 0.0 | 47.241 | 1.572 | 0.0 | 44.33 | 0.746 | 0.0 | 44.235 | 0.984 | 0.0 | 39.419 | 0.879 | 0.0 | 45.725 | 1.313 |
| 211 | 17260 | 17261 | NS | 1 | 0.0 | 50.426 | 1.653 | 0.0 | 51.821 | 2.46 | 0.0 | 39.518 | 1.786 | 0.0 | 40.75 | 2.402 | 0.0 | 51.862 | 1.666 | 0.0 | 51.595 | 2.338 | 0.0 | 37.644 | 1.728 | 0.0 | 37.617 | 2.215 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-------|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|
| 212 | 17260 | 17261 | SN | 1 | 0.0 | 38.101 | 3.617 | 0.0 | 43.395 | 4.538 | 0.0 | 41.037 | 3.738 | 0.0 | 44.714 | 4.522 | 0.0 | 39.913 | 3.637 | 0.0 | 41.453 | 4.376 | 0.0 | 38.317 | 3.745 | 0.0 | 43.898 | 4.351 |
| 213 | 17260 | 17261 | NS | 1 | 0.0 | 53.251 | 5.686 | 0.0 | 53.509 | 7.585 | 0.0 | 43.017 | 5.62 | 0.0 | 47.436 | 7.455 | 0.0 | 53.57 | 5.848 | 0.0 | 52.54 | 7.535 | 0.0 | 43.867 | 5.585 | 0.0 | 45.534 | 7.185 |
| 214 | 17260 | 17261 | SN | 1 | 0.0 | 39.445 | 1.017 | 0.0 | 41.234 | 1.573 | 0.0 | 39.489 | 1.195 | 0.0 | 40.805 | 1.64 | 0.0 | 39.573 | 0.988 | 0.0 | 43.121 | 1.438 | 0.0 | 38.298 | 1.184 | 0.0 | 42.474 | 1.508 |
| 215 | 17261 | 17262 | SN | 1 | 0.0 | 49.683 | 1.375 | 0.0 | 41.447 | 1.556 | 0.0 | 42.542 | 1.697 | 0.0 | 43.446 | 1.891 | 0.0 | 50.862 | 1.314 | 0.0 | 41.076 | 1.38 | 0.0 | 41.587 | 1.605 | 0.0 | 42.536 | 1.661 |
| 216 | 17261 | 17262 | NS | 1 | 0.532 | 47.406 | 3.63 | 0.0 | 50.019 | 5.185 | 0.0 | 46.6 | 4.739 | 0.0 | 45.938 | 5.888 | 0.667 | 47.498 | 3.67 | 0.0 | 51.014 | 5.256 | 0.0 | 46.621 | 4.682 | 0.0 | 43.126 | 5.824 |
| 217 | 17261 | 17262 | NS | 1 | 0.0 | 39.3 | 1.187 | 0.0 | 42.088 | 1.653 | 0.0 | 37.12 | 1.641 | 0.0 | 45.452 | 2.17 | 0.0 | 41.066 | 1.166 | 0.0 | 40.461 | 1.633 | 0.0 | 37.209 | 1.63 | 0.0 | 40.829 | 2.041 |
| 218 | 17261 | 17262 | NS | 1 | 0.0 | 39.3 | 1.185 | 0.0 | 42.088 | 1.653 | 0.0 | 37.12 | 1.644 | 0.0 | 45.452 | 2.168 | 0.0 | 41.066 | 1.166 | 0.0 | 40.461 | 1.637 | 0.0 | 37.209 | 1.626 | 0.0 | 40.829 | 2.055 |
| 219 | 17261 | 17262 | SN | 1 | 0.0 | 47.928 | 4.807 | 0.161 | 47.624 | 4.892 | 0.0 | 46.726 | 5.021 | 0.0 | 43.746 | 5.999 | 0.0 | 49.079 | 4.777 | 0.068 | 44.974 | 4.365 | 0.0 | 47.941 | 4.879 | 0.0 | 45.768 | 5.316 |
| 220 | 17261 | 17262 | NS | 1 | 0.532 | 47.406 | 3.63 | 0.0 | 51.353 | 5.185 | 0.0 | 46.6 | 4.746 | 0.0 | 45.938 | 5.881 | 0.667 | 47.498 | 3.67 | 0.0 | 51.014 | 5.256 | 0.0 | 46.621 | 4.661 | 0.0 | 43.121 | 5.824 |
| 221 | 17262 | 17263 | SN | 1 | 0.0 | 48.887 | 2.333 | 0.025 | 46.241 | 2.664 | 0.0 | 40.061 | 2.546 | 0.0 | 41.24 | 3.437 | 0.0 | 49.647 | 2.383 | 0.023 | 47.826 | 2.309 | 0.0 | 40.267 | 2.326 | 0.0 | 43.144 | 2.718 |
| 222 | 17262 | 17263 | SN | 1 | 0.0 | 48.956 | 2.333 | 0.026 | 46.283 | 2.664 | 0.0 | 40.086 | 2.546 | 0.0 | 47.154 | 3.437 | 0.0 | 49.716 | 2.383 | 0.024 | 47.869 | 2.309 | 0.0 | 40.29 | 2.276 | 0.0 | 43.146 | 2.733 |
| 223 | 17262 | 17263 | NS | 1 | 0.0 | 40.638 | 1.15 | 0.0 | 52.675 | 1.614 | 0.0 | 39.263 | 1.486 | 0.0 | 37.888 | 2.003 | 0.0 | 39.681 | 1.189 | 0.0 | 50.037 | 1.558 | 0.0 | 37.753 | 1.418 | 0.0 | 37.981 | 1.859 |
| 224 | 17262 | 17263 | NS | 1 | 0.0 | 40.638 | 1.146 | 0.0 | 52.675 | 1.606 | 0.0 | 39.263 | 1.478 | 0.0 | 37.888 | 1.993 | 0.0 | 39.681 | 1.186 | 0.0 | 50.037 | 1.55 | 0.0 | 37.753 | 1.411 | 0.0 | 37.981 | 1.85 |
| 225 | 17262 | 17263 | NS | 1 | 0.0 | 37.768 | 1.186 | 0.0 | 45.223 | 1.651 | 0.0 | 39.512 | 1.489 | 0.0 | 40.737 | 2.013 | 0.0 | 37.415 | 1.211 | 0.0 | 43.832 | 1.566 | 0.0 | 38.004 | 1.434 | 0.0 | 38.052 | 1.878 |
| 226 | 17262 | 17263 | NS | 1 | 0.0 | 40.384 | 4.437 | 0.0 | 40.825 | 5.438 | 0.0 | 41.07 | 4.402 | 0.0 | 38.005 | 5.584 | 0.0 | 40.888 | 4.478 | 0.0 | 40.668 | 5.276 | 0.0 | 40.864 | 4.452 | 0.0 | 37.423 | 5.37 |
| 227 | 17262 | 17263 | NS | 1 | 0.0 | 41.608 | 4.356 | 0.0 | 40.047 | 5.418 | 0.0 | 40.219 | 4.409 | 0.0 | 37.926 | 5.52 | 0.0 | 42.112 | 4.458 | 0.0 | 40.846 | 5.307 | 0.0 | 41.013 | 4.466 | 0.0 | 36.687 | 5.335 |
| 228 | 17262 | 17263 | NS | 1 | 0.0 | 41.608 | 4.373 | 0.0 | 40.047 | 5.447 | 0.0 | 40.219 | 4.407 | 0.0 | 37.926 | 5.548 | 0.0 | 42.112 | 4.475 | 0.0 | 40.846 | 5.335 | 0.0 | 41.013 | 4.472 | 0.0 | 36.687 | 5.362 |
| 229 | 17262 | 17263 | SN | 1 | 0.0 | 41.797 | 0.624 | 0.0 | 47.578 | 0.808 | 0.0 | 42.682 | 0.699 | 0.0 | 44.521 | 0.999 | 0.0 | 41.992 | 0.582 | 0.0 | 46.199 | 0.679 | 0.0 | 42.178 | 0.662 | 0.0 | 40.364 | 0.782 |
| 230 | 17262 | 17263 | SN | 1 | 0.0 | 41.797 | 0.618 | 0.0 | 47.578 | 0.814 | 0.0 | 42.266 | 0.704 | 0.0 | 41.192 | 1.0 | 0.0 | 42.107 | 0.577 | 0.0 | 46.199 | 0.683 | 0.0 | 41.762 | 0.662 | 0.0 | 40.364 | 0.778 |
| 231 | 17263 | 17264 | NS | 1 | 0.0 | 36.034 | 0.714 | 0.0 | 39.309 | 0.928 | 0.0 | 36.842 | 0.921 | 0.0 | 41.682 | 1.296 | 0.0 | 36.588 | 0.714 | 0.0 | 37.952 | 0.886 | 0.0 | 35.426 | 0.852 | 0.0 | 40.453 | 1.084 |
| 232 | 17263 | 17264 | SN | 1 | 0.0 | 43.451 | 0.961 | 0.0 | 47.502 | 1.392 | 0.0 | 41.266 | 1.018 | 0.0 | 43.99 | 1.507 | 0.0 | 43.811 | 0.972 | 0.0 | 43.747 | 1.247 | 0.0 | 39.439 | 0.97 | 0.0 | 39.337 | 1.255 |
| 233 | 17263 | 17264 | NS | 1 | 0.0 | 42.437 | 0.728 | 0.0 | 35.429 | 0.955 | 0.0 | 37.173 | 0.943 | 0.0 | 38.861 | 1.374 | 0.0 | 43.06 | 0.759 | 0.0 | 34.564 | 0.918 | 0.0 | 36.488 | 0.884 | 0.0 | 37.631 | 1.138 |
| 234 | 17263 | 17264 | NS | 1 | 0.0 | 45.058 | 2.492 | 0.0 | 42.273 | 3.265 | 0.0 | 38.189 | 2.817 | 0.0 | 43.975 | 3.516 | 0.0 | 44.827 | 2.462 | 0.0 | 44.021 | 2.83 | 0.0 | 36.869 | 2.745 | 0.0 | 41.691 | 3.175 |
| 235 | 17263 | 17264 | NS | 1 | 0.0 | 52.355 | 2.535 | 0.0 | 41.967 | 3.318 | 0.0 | 36.356 | 2.926 | 0.0 | 41.348 | 3.637 | 0.0 | 52.902 | 2.483 | 0.0 | 42.552 | 2.899 | 0.0 | 35.992 | 2.867 | 0.0 | 40.819 | 3.277 |
| 236 | 17263 | 17264 | SN | 1 | 0.0 | 46.557 | 4.152 | 0.0 | 47.307 | 5.52 | 0.0 | 42.131 | 3.922 | 0.0 | 44.077 | 4.905 | 0.0 | 47.346 | 4.082 | 0.0 | 46.092 | 5.368 | 0.0 | 41.964 | 3.681 | 0.0 | 39.562 | 4.378 |
| 237 | 17264 | 17265 | SN | 1 | 0.0 | 47.808 | 5.202 | 0.0 | 55.223 | 6.351 | 0.0 | 39.476 | 5.255 | 0.0 | 40.374 | 6.85 | 0.0 | 48.174 | 5.263 | 0.0 | 56.336 | 5.976 | 0.0 | 38.295 | 5.305 | 0.0 | 39.604 | 6.644 |
| 238 | 17264 | 17265 | NS | 1 | 0.0 | 39.189 | 0.797 | 0.0 | 39.428 | 1.219 | 0.0 | 42.861 | 0.965 | 0.0 | 39.099 | 1.439 | 0.0 | 39.957 | 0.791 | 0.0 | 40.526 | 1.097 | 0.0 | 42.123 | 0.928 | 0.0 | 38.615 | 1.172 |
| 239 | 17264 | 17265 | SN | 1 | 0.0 | 50.349 | 1.42 | 0.0 | 43.67 | 1.915 | 0.0 | 39.206 | 1.697 | 0.0 | 39.195 | 2.353 | 0.0 | 49.254 | 1.447 | 0.0 | 44.896 | 1.82 | 0.0 | 41.057 | 1.692 | 0.0 | 35.996 | 2.079 |
| 240 | 17264 | 17265 | NS | 1 | 0.0 | 46.022 | 2.917 | 0.0 | 47.827 | 3.576 | 0.0 | 37.646 | 3.0 | 0.0 | 41.013 | 3.905 | 0.0 | 47.524 | 2.887 | 0.0 | 49.855 | 3.364 | 0.0 | 37.368 | 2.901 | 0.0 | 38.486 | 3.514 |
| 241 | 17264 | 17265 | SN | 1 | 0.0 | 47.886 | 5.323 | 0.0 | 57.887 | 6.31 | 0.0 | 38.298 | 5.163 | 0.0 | 39.882 | 6.808 | 0.0 | 48.252 | 5.303 | 0.0 | 55.897 | 5.996 | 0.0 | 38.24 | 5.149 | 0.0 | 38.345 | 6.63 |
| 242 | 17264 | 17265 | SN | 1 | 0.0 | 49.023 | 1.384 | 0.0 | 43.724 | 1.897 | 0.0 | 41.025 | 1.715 | 0.0 | 38.952 | 2.305 | 0.0 | 47.928 | 1.402 | 0.0 | 43.908 | 1.809 | 0.0 | 40.766 | 1.68 | 0.0 | 35.996 | 2.038 |
| 243 | 17265 | 17266 | NS | 1 | 0.0 | 53.135 | 1.605 | 0.0 | 47.75 | 2.005 | 0.0 | 46.275 | 1.377 | 0.0 | 43.721 | 1.661 | 0.0 | 52.68 | 1.67 | 0.0 | 46.378 | 1.888 | 0.0 | 45.425 | 1.431 | 0.0 | 46.162 | 1.629 |
| 244 | 17265 | 17266 | NS | 1 | 0.0 | 53.135 | 1.605 | 0.0 | 47.75 | 2.005 | 0.0 | 46.275 | 1.377 | 0.0 | 43.721 | 1.661 | 0.0 | 52.68 | 1.67 | 0.0 | 46.378 | 1.888 | 0.0 | 45.425 | 1.431 | 0.0 | 46.162 | 1.629 |
| 245 | 17265 | 17266 | SN | 1 | 0.0 | 41.079 | 3.15 | 0.0 | 51.306 | 4.395 | 0.0 | 39.422 | 3.907 | 0.0 | 44.677 | 5.565 | 0.0 | 39.177 | 3.16 | 0.0 | 48.534 | 4.152 | 0.0 | 38.148 | 3.936 | 0.0 | 46.608 | 4.925 |
| 246 | 17265 | 17266 | NS | 1 | 0.0 | 58.082 | 5.28 | 0.0 | 51.387 | 6.064 | 0.0 | 46.74 | 4.446 | 0.0 | 47.904 | 5.312 | 0.0 | 57.983 | 5.422 | 0.0 | 48.8 | 6.074 | 0.0 | 47.524 | 4.645 | 0.0 | 46.778 | 5.22 |
| 247 | 17265 | 17266 | NS | 1 | 0.0 | 58.082 | 5.28 | 0.0 | 51.387 | 6.064 | 0.0 | 46.74 | 4.446 | 0.0 | 47.904 | 5.312 | 0.0 | 57.983 | 5.422 | 0.0 | 48.8 | 6.074 | 0.0 | 47.524 | 4.645 | 0.0 | 46.778 | 5.22 |

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

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|-----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 248 | 17265 | 17266 | SN | 1 | 0.0 | 37.787 | 0.854 | 0.0 | 39.815 | 1.328 | 0.0 | 37.724 | 1.384 | 0.0 | 38.703 | 2.054 | 0.0 | 37.415 | 0.845 | 0.0 | 36.763 | 1.251 | 0.0 | 37.9 | 1.318 | 0.0 | 38.36 | 1.8 |
| 249 | 17266 | 17267 | NS | 1 | 0.0 | 49.481 | 5.828 | 0.0 | 52.833 | 6.761 | 0.0 | 51.187 | 5.365 | 0.0 | 45.635 | 5.554 | 0.0 | 50.166 | 5.919 | 0.0 | 53.438 | 6.458 | 0.0 | 48.767 | 5.258 | 0.0 | 44.134 | 5.036 |
| 250 | 17266 | 17267 | NS | 1 | 0.0 | 55.117 | 1.79 | 0.0 | 49.773 | 2.053 | 0.0 | 47.801 | 1.484 | 0.0 | 44.594 | 1.729 | 0.0 | 54.009 | 1.82 | 0.0 | 50.925 | 1.827 | 0.0 | 46.289 | 1.443 | 0.0 | 44.919 | 1.48 |

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|--------------------------|------------|------|--------|--------|------------|
| 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 | 17237 | 17238 | SN | 1 | 0.0 | 23.295 | 6.011 | 0.0 | 26.395 | 7.363 | 0.0 | 136.739 | 2.399 | 0.0 | 58.332 | 3.622 | 0.0 | 1.407 | 0.0 | 1.768 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.122 | 0.0 | |
| 2 | 17237 | 17238 | SN | 1 | 0.0 | 23.295 | 6.048 | 0.0 | 25.479 | 7.272 | 0.0 | 136.739 | 2.454 | 0.0 | 13.104 | 3.443 | 0.0 | 1.407 | 0.0 | 1.768 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.122 | 0.0 | |
| 3 | 17237 | 17238 | SN | 1 | 0.0 | 23.295 | 6.048 | 0.0 | 25.479 | 7.272 | 0.0 | 136.739 | 2.454 | 0.0 | 13.104 | 3.443 | 0.0 | 1.407 | 0.0 | 1.768 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.122 | 0.0 | |
| 4 | 17237 | 17238 | SN | 1 | 0.0 | 30.305 | 13.106 | 0.0 | 25.893 | 12.427 | 0.0 | 144.901 | 10.724 | 0.0 | 15.718 | 12.118 | 0.0 | 1.413 | 0.0 | 1.77 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.126 | 0.0 | |
| 5 | 17237 | 17238 | SN | 1 | 0.0 | 30.305 | 13.106 | 0.0 | 25.893 | 12.427 | 0.0 | 144.901 | 10.724 | 0.0 | 15.718 | 12.118 | 0.0 | 1.413 | 0.0 | 1.77 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.126 | 0.0 | |
| 6 | 17237 | 17238 | SN | 1 | 0.0 | 30.305 | 13.058 | 0.0 | 26.5 | 12.872 | 0.0 | 144.901 | 10.463 | 0.0 | 76.796 | 12.902 | 0.0 | 1.413 | 0.0 | 1.77 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.126 | 0.0 | |
| 7 | 17238 | 17239 | NS | 1 | 0.0 | 21.646 | 9.022 | 0.0 | 31.358 | 14.888 | 0.0 | 163.539 | 6.627 | 0.0 | 69.974 | 12.582 | 0.0 | 1.35 | 0.0 | 1.775 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.123 | 0.0 | |
| 8 | 17238 | 17239 | NS | 1 | 0.0 | 24.321 | 4.761 | 0.0 | 24.586 | 6.316 | 0.0 | 11.653 | 1.607 | 0.0 | 50.198 | 2.306 | 0.0 | 1.37 | 0.0 | 1.774 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.126 | 0.0 | |
| 9 | 17238 | 17239 | SN | 1 | 0.0 | 30.024 | 13.01 | 0.0 | 26.433 | 12.933 | 0.0 | 150.907 | 10.456 | 0.0 | 77.761 | 12.881 | 0.0 | 1.409 | 0.0 | 1.769 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.121 | 0.0 | |
| 10 | 17238 | 17239 | SN | 1 | 0.0 | 30.024 | 13.025 | 0.0 | 26.025 | 12.762 | 0.0 | 150.907 | 10.531 | 0.0 | 19.7 | 12.569 | 0.0 | 1.409 | 0.0 | 1.769 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.121 | 0.0 | |
| 11 | 17238 | 17239 | SN | 1 | 0.0 | 30.024 | 13.01 | 0.0 | 26.494 | 12.933 | 0.0 | 150.907 | 10.456 | 0.0 | 77.761 | 12.881 | 0.0 | 1.409 | 0.0 | 1.769 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.121 | 0.0 | |
| 12 | 17238 | 17239 | SN | 1 | 0.0 | 23.312 | 6.01 | 0.0 | 26.455 | 7.363 | 0.0 | 117.663 | 2.392 | 0.0 | 60.626 | 3.661 | 0.0 | 1.407 | 0.0 | 1.769 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.123 | 0.0 | |
| 13 | 17238 | 17239 | SN | 1 | 0.0 | 23.312 | 6.01 | 0.0 | 26.455 | 7.363 | 0.0 | 117.663 | 2.392 | 0.0 | 60.626 | 3.661 | 0.0 | 1.407 | 0.0 | 1.769 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.123 | 0.0 | |
| 14 | 17238 | 17239 | NS | 1 | 0.0 | 25.722 | 5.947 | 0.0 | 24.586 | 7.2 | 0.0 | 140.36 | 2.609 | 0.0 | 56.584 | 3.334 | 0.0 | 1.436 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.153 | 0.0 | |
| 15 | 17238 | 17239 | SN | 1 | 0.0 | 23.312 | 6.028 | 0.0 | 25.584 | 7.341 | 0.0 | 117.663 | 2.408 | 0.0 | 13.887 | 3.549 | 0.0 | 1.407 | 0.0 | 1.769 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.123 | 0.0 | |
| 16 | 17238 | 17239 | NS | 1 | 0.0 | 26.566 | 9.935 | 0.0 | 35.484 | 14.316 | 0.0 | 355.726 | 10.368 | 0.0 | 75.385 | 12.743 | 0.0 | 1.406 | 0.0 | 1.797 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.153 | 0.0 | |
| 17 | 17239 | 17240 | SN | 1 | 0.0 | 23.306 | 5.995 | 0.0 | 199.72 | 7.402 | 0.0 | 141.967 | 2.409 | 0.0 | 62.331 | 3.666 | 0.0 | 1.408 | 0.0 | 1.77 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.125 | 0.0 | |
| 18 | 17239 | 17240 | NS | 1 | 0.0 | 59.19 | 5.932 | 0.0 | 24.58 | 7.184 | 0.0 | 348.755 | 2.583 | 0.0 | 63.059 | 3.295 | 0.0 | 1.431 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 | |
| 19 | 17239 | 17240 | NS | 1 | 0.0 | 59.19 | 5.932 | 0.0 | 24.58 | 7.198 | 0.0 | 348.744 | 2.591 | 0.0 | 63.025 | 3.288 | 0.0 | 1.436 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.153 | 0.0 | |
| 20 | 17239 | 17240 | SN | 1 | 0.0 | 23.306 | 6.011 | 0.0 | 199.72 | 7.384 | 0.0 | 141.967 | 2.422 | 0.0 | 14.345 | 3.58 | 0.0 | 1.408 | 0.0 | 1.77 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.125 | 0.0 | |
| 21 | 17239 | 17240 | SN | 1 | 0.0 | 29.864 | 12.995 | 0.0 | 26.02 | 12.79 | 0.0 | 141.454 | 10.548 | 0.0 | 20.902 | 12.669 | 0.0 | 1.409 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.124 | 0.0 | |
| 22 | 17239 | 17240 | SN | 1 | 0.0 | 29.864 | 12.995 | 0.0 | 26.02 | 12.79 | 0.0 | 141.454 | 10.548 | 0.0 | 20.902 | 12.669 | 0.0 | 1.409 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.124 | 0.0 | |
| 23 | 17239 | 17240 | NS | 1 | 0.0 | 270.563 | 9.963 | 0.0 | 31.436 | 14.202 | 0.0 | 135.33 | 10.282 | 0.0 | 73.25 | 12.669 | 0.0 | 1.407 | 0.0 | 1.797 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.154 | 0.0 | |
| 24 | 17239 | 17240 | NS | 1 | 0.0 | 270.563 | 9.963 | 0.0 | 31.436 | 14.192 | 0.0 | 188.048 | 10.268 | 0.0 | 73.195 | 12.662 | 0.0 | 1.407 | 0.0 | 1.797 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.153 | 0.0 | |
| 25 | 17239 | 17240 | SN | 1 | 0.0 | 23.306 | 6.011 | 0.0 | 199.72 | 7.384 | 0.0 | 141.967 | 2.422 | 0.0 | 14.345 | 3.58 | 0.0 | 1.408 | 0.0 | 1.77 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.125 | 0.0 | |
| 26 | 17239 | 17240 | SN | 1 | 0.0 | 29.864 | 12.957 | 0.0 | 27.156 | 12.922 | 0.0 | 141.454 | 10.492 | 0.0 | 70.184 | 12.913 | 0.0 | 1.409 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.124 | 0.0 | |
| 27 | 17240 | 17241 | NS | 1 | 0.0 | 211.459 | 9.899 | 0.0 | 31.491 | 14.229 | 0.0 | 348.275 | 10.216 | 0.0 | 80.723 | 12.664 | 0.0 | 1.416 | 0.0 | 1.795 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.151 | 0.0 | |
| 28 | 17240 | 17241 | SN | 1 | 0.0 | 23.29 | 6.029 | 0.0 | 25.463 | 7.367 | 0.0 | 184.366 | 2.415 | 0.0 | 42.027 | 3.565 | 0.0 | 1.411 | 0.0 | 1.77 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.124 | 0.0 | |
| 29 | 17240 | 17241 | NS | 1 | 0.0 | 211.459 | 9.899 | 0.0 | 31.491 | 14.229 | 0.0 | 348.275 | 10.216 | 0.0 | 80.723 | 12.664 | 0.0 | 1.416 | 0.0 | 1.795 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.151 | 0.0 | |
| 30 | 17240 | 17241 | NS | 1 | 0.0 | 200.691 | 5.926 | 0.0 | 24.58 | 7.231 | 0.0 | 352.648 | 2.574 | 0.0 | 65.965 | 3.285 | 0.0 | 1.434 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 | |
| 31 | 17240 | 17241 | SN | 1 | 0.0 | 30.123 | 13.006 | 0.0 | 26.031 | 12.792 | 0.0 | 172.691 | 10.544 | 0.0 | 60.552 | 12.611 | 0.0 | 1.413 | 0.0 | 1.773 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.124 | 0.0 | |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|------|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 17240 | 17241 | SN | 1 | 0.0 | 23.29 | 6.012 | 0.0 | 26.213 | 7.399 | 0.0 | 184.366 | 2.397 | 0.0 | 182.053 | 3.674 | 0.0 | 1.411 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.124 | 0.0 |
| 33 | 17240 | 17241 | NS | 1 | 0.0 | 200.691 | 5.926 | 0.0 | 24.58 | 7.231 | 0.0 | 352.648 | 2.574 | 0.0 | 65.965 | 3.285 | 0.0 | 1.434 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 34 | 17240 | 17241 | SN | 1 | 0.0 | 30.123 | 12.976 | 0.0 | 26.031 | 13.032 | 0.0 | 172.691 | 10.454 | 0.0 | 135.495 | 12.961 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.124 | 0.0 |
| 35 | 17240 | 17241 | SN | 1 | 0.0 | 30.123 | 12.976 | 0.0 | 26.031 | 13.032 | 0.0 | 172.691 | 10.454 | 0.0 | 135.495 | 12.961 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.124 | 0.0 |
| 36 | 17240 | 17241 | SN | 1 | 0.0 | 23.29 | 6.012 | 0.0 | 26.213 | 7.399 | 0.0 | 184.366 | 2.397 | 0.0 | 182.053 | 3.674 | 0.0 | 1.411 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.124 | 0.0 |
| 37 | 17241 | 17242 | SN | 1 | 0.0 | 30.057 | 13.034 | 0.0 | 26.031 | 12.656 | 0.0 | 168.059 | 10.593 | 0.0 | 17.764 | 12.458 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.125 | 0.0 |
| 38 | 17241 | 17242 | NS | 1 | 0.0 | 103.255 | 9.877 | 0.0 | 31.469 | 14.24 | 0.0 | 316.531 | 10.202 | 0.0 | 83.288 | 12.671 | 0.0 | 1.417 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.154 | 0.0 |
| 39 | 17241 | 17242 | NS | 1 | 0.0 | 92.015 | 9.955 | 0.0 | 31.469 | 14.286 | 0.0 | 354.766 | 10.189 | 0.0 | 73.846 | 12.682 | 0.0 | 1.412 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.153 | 0.0 |
| 40 | 17241 | 17242 | SN | 1 | 0.0 | 30.057 | 13.013 | 0.0 | 26.444 | 13.033 | 0.0 | 168.059 | 10.47 | 0.0 | 75.875 | 12.961 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.125 | 0.0 |
| 41 | 17241 | 17242 | SN | 1 | 0.0 | 30.057 | 13.013 | 0.0 | 26.444 | 13.033 | 0.0 | 168.059 | 10.456 | 0.0 | 75.875 | 12.975 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.125 | 0.0 |
| 42 | 17241 | 17242 | SN | 1 | 0.0 | 23.306 | 6.04 | 0.0 | 25.468 | 7.327 | 0.0 | 169.476 | 2.432 | 0.0 | 13.109 | 3.574 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.124 | 0.0 |
| 43 | 17241 | 17242 | NS | 1 | 0.0 | 206.377 | 5.908 | 0.0 | 24.569 | 7.24 | 0.0 | 352.726 | 2.565 | 0.0 | 46.684 | 3.294 | 0.0 | 1.427 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 44 | 17241 | 17242 | NS | 1 | 0.0 | 240.305 | 5.905 | 0.0 | 24.575 | 7.255 | 0.0 | 354.766 | 2.576 | 0.0 | 52.381 | 3.303 | 0.0 | 1.433 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 45 | 17241 | 17242 | SN | 1 | 0.0 | 23.306 | 6.014 | 0.0 | 26.268 | 7.395 | 0.0 | 169.476 | 2.405 | 0.0 | 58.437 | 3.7 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.124 | 0.0 |
| 46 | 17241 | 17242 | SN | 1 | 0.0 | 23.306 | 6.014 | 0.0 | 26.268 | 7.388 | 0.0 | 169.476 | 2.405 | 0.0 | 60.924 | 3.7 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.124 | 0.0 |
| 47 | 17242 | 17243 | NS | 1 | 0.0 | 24.613 | 9.919 | 0.0 | 35.164 | 14.294 | 0.0 | 359.504 | 10.185 | 0.0 | 77.403 | 12.784 | 0.0 | 1.403 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 48 | 17242 | 17243 | NS | 1 | 0.0 | 25.816 | 5.92 | 0.0 | 24.58 | 7.237 | 0.0 | 351.661 | 2.574 | 0.0 | 51.582 | 3.287 | 0.0 | 1.427 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 49 | 17242 | 17243 | SN | 1 | 0.0 | 23.312 | 6.03 | 0.0 | 235.504 | 7.429 | 0.0 | 130.253 | 2.399 | 0.0 | 274.716 | 3.693 | 0.0 | 1.41 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.124 | 0.0 |
| 50 | 17242 | 17243 | SN | 1 | 0.0 | 30.139 | 13.03 | 0.0 | 26.439 | 12.985 | 0.0 | 169.112 | 10.419 | 0.0 | 74.425 | 12.946 | 0.0 | 1.418 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.125 | 0.0 |
| 51 | 17242 | 17243 | SN | 1 | 0.0 | 30.139 | 13.083 | 0.0 | 170.43 | 12.521 | 0.0 | 169.095 | 10.665 | 0.0 | 242.343 | 12.218 | 0.0 | 1.419 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.125 | 0.0 |
| 52 | 17242 | 17243 | SN | 1 | 0.0 | 23.312 | 6.066 | 0.0 | 235.504 | 7.347 | 0.0 | 130.253 | 2.448 | 0.0 | 274.716 | 3.535 | 0.0 | 1.41 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.124 | 0.0 |
| 53 | 17242 | 17243 | NS | 1 | 0.0 | 25.948 | 10.006 | 0.0 | 31.342 | 14.206 | 0.0 | 354.634 | 10.234 | 0.0 | 72.065 | 12.747 | 0.0 | 1.41 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.152 | 0.0 |
| 54 | 17242 | 17243 | SN | 1 | 0.0 | 30.139 | 13.03 | 0.0 | 170.43 | 12.995 | 0.0 | 169.095 | 10.44 | 0.0 | 242.343 | 12.96 | 0.0 | 1.419 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.125 | 0.0 |
| 55 | 17242 | 17243 | NS | 1 | 0.0 | 25.827 | 5.925 | 0.0 | 24.58 | 7.235 | 0.0 | 359.504 | 2.577 | 0.0 | 54.935 | 3.297 | 0.0 | 1.431 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 56 | 17242 | 17243 | SN | 1 | 0.0 | 23.306 | 6.023 | 0.0 | 26.439 | 7.422 | 0.0 | 130.242 | 2.401 | 0.0 | 56.027 | 3.673 | 0.0 | 1.408 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.123 | 0.0 |
| 57 | 17243 | 17244 | NS | 1 | 0.0 | 125.502 | 9.95 | 0.0 | 31.474 | 14.257 | 0.0 | 160.76 | 10.25 | 0.0 | 73.609 | 12.749 | 0.0 | 1.404 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.151 | 0.0 |
| 58 | 17243 | 17244 | SN | 1 | 0.0 | 23.306 | 6.008 | 0.0 | 25.898 | 7.418 | 0.0 | 165.119 | 2.41 | 0.0 | 61.967 | 3.682 | 0.0 | 1.41 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.124 | 0.0 |
| 59 | 17243 | 17244 | SN | 1 | 0.0 | 23.306 | 6.054 | 0.0 | 25.463 | 7.308 | 0.0 | 165.119 | 2.474 | 0.0 | 13.115 | 3.454 | 0.0 | 1.41 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.124 | 0.0 |
| 60 | 17243 | 17244 | NS | 1 | 0.0 | 219.009 | 5.927 | 0.0 | 24.58 | 7.255 | 0.0 | 331.526 | 2.591 | 0.0 | 43.85 | 3.293 | 0.0 | 1.431 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 61 | 17243 | 17244 | SN | 1 | 0.0 | 23.312 | 6.008 | 0.0 | 26.025 | 7.42 | 0.0 | 165.169 | 2.41 | 0.0 | 61.967 | 3.682 | 0.0 | 1.409 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.124 | 0.0 |
| 62 | 17243 | 17244 | SN | 1 | 0.0 | 30.04 | 13.067 | 0.0 | 25.794 | 12.412 | 0.0 | 164.171 | 10.704 | 0.0 | 15.067 | 11.97 | 0.0 | 1.415 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.124 | 0.0 |
| 63 | 17243 | 17244 | NS | 1 | 0.0 | 78.752 | 5.936 | 0.0 | 24.586 | 7.255 | 0.0 | 236.265 | 2.589 | 0.0 | 61.983 | 3.292 | 0.0 | 1.43 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.152 | 0.0 |
| 64 | 17243 | 17244 | NS | 1 | 0.27 | 125.502 | 10.007 | 0.0 | 31.358 | 14.219 | 0.0 | 181.226 | 10.26 | 0.0 | 79.852 | 12.69 | 0.0 | 1.41 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.154 | 0.0 |
| 65 | 17243 | 17244 | SN | 1 | 0.0 | 30.046 | 13.009 | 0.0 | 26.45 | 12.953 | 0.0 | 164.193 | 10.431 | 0.0 | 68.507 | 12.912 | 0.0 | 1.414 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.124 | 0.0 |
| 66 | 17243 | 17244 | SN | 1 | 0.0 | 30.04 | 13.009 | 0.0 | 26.45 | 12.963 | 0.0 | 164.171 | 10.438 | 0.0 | 68.507 | 12.898 | 0.0 | 1.415 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.124 | 0.0 |
| 67 | 17244 | 17245 | SN | 1 | 0.0 | 23.306 | 6.003 | 0.0 | 68.317 | 7.388 | 0.0 | 149.605 | 2.393 | 0.0 | 62.7 | 3.636 | 0.0 | 1.409 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.123 | 0.0 |
| 68 | 17244 | 17245 | SN | 1 | 0.0 | 23.306 | 6.003 | 0.0 | 68.317 | 7.388 | 0.0 | 149.605 | 2.393 | 0.0 | 62.7 | 3.636 | 0.0 | 1.409 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.123 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 17244 | 17245 | NS | 1 | 0.254 | 156.234 | 9.986 | 0.0 | 31.43 | 14.238 | 0.0 | 353.542 | 10.246 | 0.0 | 80.414 | 12.733 | 0.0 | 1.411 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.155 | 0.0 |
| 70 | 17244 | 17245 | SN | 1 | 0.0 | 30.007 | 12.991 | 0.0 | 30.082 | 12.922 | 0.0 | 158.948 | 10.492 | 0.0 | 77.199 | 12.805 | 0.0 | 1.413 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.124 | 0.0 |
| 71 | 17244 | 17245 | SN | 1 | 0.0 | 30.007 | 12.991 | 0.0 | 30.082 | 12.922 | 0.0 | 158.948 | 10.492 | 0.0 | 77.199 | 12.805 | 0.0 | 1.413 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.124 | 0.0 |
| 72 | 17244 | 17245 | NS | 1 | 0.254 | 156.234 | 9.986 | 0.0 | 31.43 | 14.238 | 0.0 | 353.542 | 10.246 | 0.0 | 80.414 | 12.733 | 0.0 | 1.411 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.155 | 0.0 |
| 73 | 17244 | 17245 | SN | 1 | 0.0 | 23.306 | 6.067 | 0.0 | 68.317 | 7.275 | 0.0 | 149.605 | 2.457 | 0.0 | 13.109 | 3.381 | 0.0 | 1.409 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.123 | 0.0 |
| 74 | 17244 | 17245 | NS | 1 | 0.0 | 201.877 | 5.941 | 0.0 | 24.586 | 7.228 | 0.0 | 308.402 | 2.587 | 0.0 | 65.838 | 3.299 | 0.0 | 1.433 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 75 | 17244 | 17245 | SN | 1 | 0.0 | 30.007 | 13.108 | 0.0 | 30.082 | 12.199 | 0.0 | 158.948 | 10.78 | 0.0 | 14.868 | 11.766 | 0.0 | 1.413 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.124 | 0.0 |
| 76 | 17244 | 17245 | NS | 1 | 0.0 | 201.877 | 5.941 | 0.0 | 24.586 | 7.228 | 0.0 | 308.402 | 2.587 | 0.0 | 65.838 | 3.299 | 0.0 | 1.433 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 77 | 17245 | 17246 | NS | 1 | 0.0 | 194.699 | 9.928 | 0.0 | 31.485 | 14.241 | 0.0 | 315.522 | 10.214 | 0.0 | 76.863 | 12.735 | 0.0 | 1.404 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.151 | 0.0 |
| 78 | 17245 | 17246 | SN | 1 | 0.0 | 23.29 | 6.017 | 0.0 | 26.726 | 7.39 | 0.0 | 170.138 | 2.384 | 0.0 | 142.191 | 3.636 | 0.0 | 1.409 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.123 | 0.0 |
| 79 | 17245 | 17246 | SN | 1 | 0.0 | 23.29 | 6.017 | 0.0 | 26.726 | 7.39 | 0.0 | 170.138 | 2.384 | 0.0 | 142.191 | 3.636 | 0.0 | 1.409 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.123 | 0.0 |
| 80 | 17245 | 17246 | SN | 1 | 0.0 | 29.991 | 12.997 | 0.0 | 128.618 | 13.013 | 0.0 | 168.555 | 10.441 | 0.0 | 75.032 | 12.883 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.132 | 0.0 |
| 81 | 17245 | 17246 | NS | 1 | 0.0 | 191.792 | 5.935 | 0.0 | 24.586 | 7.238 | 0.0 | 352.527 | 2.588 | 0.0 | 45.774 | 3.301 | 0.0 | 1.419 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.152 | 0.0 |
| 82 | 17245 | 17246 | NS | 1 | 0.0 | 194.699 | 9.918 | 0.0 | 31.485 | 14.221 | 0.0 | 315.527 | 10.221 | 0.0 | 76.874 | 12.749 | 0.0 | 1.403 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.15 | 0.0 |
| 83 | 17245 | 17246 | SN | 1 | 0.0 | 29.991 | 12.997 | 0.0 | 128.618 | 13.013 | 0.0 | 168.555 | 10.441 | 0.0 | 75.032 | 12.883 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.132 | 0.0 |
| 84 | 17245 | 17246 | NS | 1 | 0.0 | 191.792 | 5.932 | 0.0 | 24.586 | 7.223 | 0.0 | 352.527 | 2.591 | 0.0 | 45.78 | 3.303 | 0.0 | 1.419 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.152 | 0.0 |
| 85 | 17246 | 17247 | SN | 1 | 0.0 | 23.301 | 5.993 | 0.0 | 67.187 | 7.388 | 0.0 | 165.671 | 2.404 | 0.0 | 59.275 | 3.645 | 0.0 | 1.41 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.124 | 0.0 |
| 86 | 17246 | 17247 | NS | 1 | 0.0 | 26.152 | 9.855 | 0.0 | 35.379 | 14.253 | 0.0 | 355.003 | 10.174 | 0.0 | 76.675 | 12.678 | 0.0 | 1.402 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.152 | 0.0 |
| 87 | 17246 | 17247 | NS | 1 | 0.0 | 26.152 | 9.855 | 0.0 | 35.379 | 14.253 | 0.0 | 355.003 | 10.174 | 0.0 | 76.675 | 12.678 | 0.0 | 1.402 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.152 | 0.0 |
| 88 | 17246 | 17247 | NS | 1 | 0.0 | 25.904 | 5.934 | 0.0 | 24.58 | 7.255 | 0.0 | 352.114 | 2.587 | 0.0 | 54.841 | 3.309 | 0.0 | 1.433 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 89 | 17246 | 17247 | NS | 1 | 0.0 | 25.904 | 5.934 | 0.0 | 24.58 | 7.255 | 0.0 | 352.114 | 2.587 | 0.0 | 54.841 | 3.309 | 0.0 | 1.433 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 90 | 17246 | 17247 | SN | 1 | 0.0 | 30.84 | 13.062 | 0.0 | 220.812 | 12.966 | 0.0 | 169.2 | 10.427 | 0.0 | 77.557 | 12.875 | 0.0 | 1.42 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.124 | 0.0 |
| 91 | 17247 | 17248 | SN | 1 | 0.0 | 88.918 | 6.037 | 0.0 | 82.339 | 7.446 | 0.0 | 113.934 | 2.46 | 0.0 | 134.696 | 3.698 | 0.0 | 1.411 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.124 | 0.0 |
| 92 | 17247 | 17248 | NS | 1 | 0.0 | 259.324 | 10.017 | 0.0 | 31.353 | 14.228 | 0.0 | 204.64 | 10.27 | 0.0 | 69.919 | 12.719 | 0.0 | 1.406 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.151 | 0.0 |
| 93 | 17247 | 17248 | SN | 1 | 0.0 | 71.712 | 13.12 | 0.0 | 99.204 | 13.052 | 0.0 | 161.016 | 10.631 | 0.0 | 74.0 | 12.967 | 0.0 | 1.412 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.94 | 0.0 | 0.0 | 2.123 | 0.0 |
| 94 | 17247 | 17248 | NS | 1 | 0.0 | 25.794 | 5.919 | 0.0 | 24.586 | 7.273 | 0.0 | 204.703 | 2.587 | 0.0 | 50.231 | 3.299 | 0.0 | 1.433 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 95 | 17248 | 17249 | NS | 1 | 0.0 | 100.58 | 5.934 | 0.0 | 24.586 | 7.23 | 0.0 | 341.613 | 2.594 | 0.0 | 63.627 | 3.304 | 0.0 | 1.425 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 96 | 17248 | 17249 | NS | 1 | 0.0 | 91.69 | 9.998 | 0.0 | 29.875 | 14.031 | 0.0 | 152.906 | 10.476 | 0.0 | 16.931 | 12.416 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.151 | 0.0 |
| 97 | 17248 | 17249 | NS | 1 | 0.0 | 91.69 | 9.985 | 0.0 | 31.397 | 14.238 | 0.0 | 152.906 | 10.339 | 0.0 | 73.829 | 12.662 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.151 | 0.0 |
| 98 | 17248 | 17249 | SN | 1 | 0.0 | 30.173 | 13.026 | 0.0 | 26.45 | 12.94 | 0.0 | 132.123 | 10.452 | 0.0 | 187.303 | 12.916 | 0.0 | 1.414 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.123 | 0.0 |
| 99 | 17248 | 17249 | NS | 1 | 0.0 | 100.58 | 6.006 | 0.0 | 24.586 | 7.259 | 0.0 | 341.613 | 2.639 | 0.0 | 12.916 | 3.227 | 0.0 | 1.425 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 100 | 17248 | 17249 | SN | 1 | 0.0 | 23.306 | 6.01 | 0.0 | 26.676 | 7.406 | 0.0 | 148.888 | 2.421 | 0.0 | 66.991 | 3.646 | 0.0 | 1.409 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.123 | 0.0 |
| 101 | 17249 | 17250 | NS | 1 | 0.0 | 25.628 | 5.93 | 0.0 | 24.586 | 7.242 | 0.0 | 352.174 | 2.62 | 0.0 | 52.227 | 3.305 | 0.0 | 1.425 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.154 | 0.0 |
| 102 | 17249 | 17250 | NS | 1 | 0.0 | 24.613 | 9.98 | 0.0 | 31.441 | 14.273 | 0.0 | 344.536 | 10.341 | 0.0 | 75.699 | 12.721 | 0.0 | 1.405 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.151 | 0.0 |
| 103 | 17249 | 17250 | NS | 1 | 0.0 | 25.628 | 6.13 | 0.0 | 24.586 | 7.342 | 0.0 | 352.174 | 2.752 | 0.0 | 12.922 | 3.311 | 0.0 | 1.425 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.154 | 0.0 |
| 104 | 17249 | 17250 | SN | 1 | 0.0 | 23.317 | 5.992 | 0.0 | 26.213 | 7.413 | 0.0 | 156.67 | 2.403 | 0.0 | 72.467 | 3.66 | 0.0 | 1.41 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.123 | 0.0 |
| 105 | 17249 | 17250 | NS | 1 | 0.0 | 24.613 | 9.98 | 0.0 | 31.441 | 14.273 | 0.0 | 344.536 | 10.341 | 0.0 | 75.699 | 12.721 | 0.0 | 1.405 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.151 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-------|---------|--------|-------|---------|--------|-----|---------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 17249 | 17250 | NS | 1 | 0.0 | 24.613 | 10.054 | 0.0 | 29.864 | 13.799 | 0.0 | 344.536 | 10.765 | 0.0 | 14.146 | 12.221 | 0.0 | 1.405 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.151 | 0.0 |
| 107 | 17249 | 17250 | NS | 1 | 0.0 | 25.628 | 5.93 | 0.0 | 24.586 | 7.242 | 0.0 | 352.174 | 2.618 | 0.0 | 52.227 | 3.305 | 0.0 | 1.425 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.154 | 0.0 |
| 108 | 17249 | 17250 | SN | 1 | 0.0 | 23.317 | 5.992 | 0.0 | 26.213 | 7.413 | 0.0 | 156.67 | 2.403 | 0.0 | 72.467 | 3.66 | 0.0 | 1.41 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.123 | 0.0 |
| 109 | 17249 | 17250 | SN | 1 | 0.0 | 30.051 | 13.03 | 0.0 | 123.616 | 12.994 | 0.0 | 167.187 | 10.511 | 0.0 | 98.15 | 12.862 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.125 | 0.0 |
| 110 | 17249 | 17250 | SN | 1 | 0.0 | 30.051 | 13.03 | 0.0 | 123.616 | 12.994 | 0.0 | 167.187 | 10.511 | 0.0 | 98.15 | 12.862 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.125 | 0.0 |
| 111 | 17250 | 17251 | NS | 1 | 0.0 | 25.843 | 6.388 | 0.0 | 24.591 | 7.438 | 0.0 | 351.154 | 2.887 | 0.0 | 12.922 | 3.456 | 0.0 | 1.436 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 112 | 17250 | 17251 | SN | 1 | 0.0 | 23.301 | 5.998 | 0.0 | 114.85 | 7.427 | 0.0 | 155.771 | 2.408 | 0.0 | 61.944 | 3.644 | 0.0 | 1.411 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.122 | 0.0 |
| 113 | 17250 | 17251 | NS | 1 | 0.0 | 266.885 | 9.915 | 0.0 | 35.677 | 14.283 | 0.0 | 354.904 | 10.352 | 0.0 | 75.986 | 12.72 | 0.0 | 1.414 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.15 | 0.0 |
| 114 | 17250 | 17251 | NS | 1 | 0.0 | 266.885 | 9.915 | 0.0 | 35.677 | 14.283 | 0.0 | 354.904 | 10.352 | 0.0 | 75.986 | 12.72 | 0.0 | 1.414 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.15 | 0.0 |
| 115 | 17250 | 17251 | NS | 1 | 0.0 | 25.843 | 5.941 | 0.0 | 24.591 | 7.183 | 0.0 | 351.154 | 2.615 | 0.0 | 54.146 | 3.291 | 0.0 | 1.436 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 116 | 17250 | 17251 | NS | 1 | 0.0 | 266.885 | 10.091 | 0.0 | 29.875 | 13.765 | 0.0 | 354.904 | 11.311 | 0.0 | 14.124 | 12.339 | 0.0 | 1.414 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.15 | 0.0 |
| 117 | 17250 | 17251 | NS | 1 | 0.0 | 25.843 | 5.941 | 0.0 | 24.591 | 7.183 | 0.0 | 351.154 | 2.615 | 0.0 | 54.146 | 3.291 | 0.0 | 1.436 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 118 | 17250 | 17251 | SN | 1 | 0.0 | 30.222 | 13.03 | 0.077 | 277.529 | 13.004 | 0.0 | 144.791 | 10.425 | 0.0 | 81.6 | 12.912 | 0.0 | 1.408 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.124 | 0.0 |
| 119 | 17250 | 17251 | SN | 1 | 0.0 | 30.222 | 13.029 | 0.077 | 232.797 | 13.014 | 0.0 | 144.796 | 10.439 | 0.0 | 81.589 | 12.905 | 0.0 | 1.408 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.124 | 0.0 |
| 120 | 17250 | 17251 | SN | 1 | 0.0 | 23.301 | 5.998 | 0.0 | 243.603 | 7.424 | 0.0 | 155.793 | 2.403 | 0.0 | 61.928 | 3.64 | 0.0 | 1.411 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.122 | 0.0 |
| 121 | 17251 | 17252 | NS | 1 | 0.0 | 255.259 | 10.317 | 0.0 | 29.875 | 13.893 | 0.0 | 355.682 | 12.022 | 0.0 | 14.157 | 12.546 | 0.0 | 1.415 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.148 | 0.0 |
| 122 | 17251 | 17252 | NS | 1 | 0.0 | 236.519 | 5.939 | 0.0 | 24.591 | 7.21 | 0.0 | 206.275 | 2.627 | 0.0 | 57.02 | 3.302 | 0.0 | 1.436 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 123 | 17251 | 17252 | NS | 1 | 0.0 | 236.519 | 5.944 | 0.0 | 24.591 | 7.212 | 0.0 | 204.681 | 2.625 | 0.0 | 57.02 | 3.306 | 0.0 | 1.436 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 124 | 17251 | 17252 | SN | 1 | 0.0 | 23.301 | 6.062 | 0.0 | 25.49 | 7.273 | 0.0 | 123.674 | 2.455 | 0.0 | 13.109 | 3.397 | 0.0 | 1.409 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.124 | 0.0 |
| 125 | 17251 | 17252 | NS | 1 | 0.0 | 236.519 | 6.674 | 0.0 | 24.591 | 7.73 | 0.0 | 206.275 | 3.088 | 0.0 | 12.922 | 3.686 | 0.0 | 1.436 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 126 | 17251 | 17252 | SN | 1 | 0.0 | 23.301 | 6.0 | 0.0 | 26.433 | 7.382 | 0.0 | 123.674 | 2.386 | 0.0 | 61.41 | 3.624 | 0.0 | 1.409 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.124 | 0.0 |
| 127 | 17251 | 17252 | SN | 1 | 0.0 | 23.301 | 6.0 | 0.0 | 26.433 | 7.382 | 0.0 | 123.674 | 2.39 | 0.0 | 61.41 | 3.625 | 0.0 | 1.409 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.124 | 0.0 |
| 128 | 17251 | 17252 | SN | 1 | 0.0 | 30.84 | 13.049 | 0.0 | 26.494 | 12.984 | 0.0 | 139.916 | 10.448 | 0.0 | 77.938 | 12.832 | 0.0 | 1.406 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.126 | 0.0 |
| 129 | 17251 | 17252 | SN | 1 | 0.0 | 30.84 | 13.049 | 0.0 | 26.494 | 12.984 | 0.0 | 139.916 | 10.448 | 0.0 | 77.938 | 12.832 | 0.0 | 1.406 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.126 | 0.0 |
| 130 | 17251 | 17252 | NS | 1 | 0.0 | 255.259 | 9.971 | 0.0 | 31.369 | 14.302 | 0.0 | 355.682 | 10.329 | 0.0 | 75.699 | 12.699 | 0.0 | 1.415 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.148 | 0.0 |
| 131 | 17251 | 17252 | NS | 1 | 0.0 | 255.259 | 9.971 | 0.0 | 31.369 | 14.302 | 0.0 | 355.676 | 10.336 | 0.0 | 75.699 | 12.685 | 0.0 | 1.415 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.148 | 0.0 |
| 132 | 17251 | 17252 | SN | 1 | 0.0 | 30.84 | 13.126 | 0.0 | 25.766 | 12.339 | 0.0 | 139.916 | 10.732 | 0.0 | 14.742 | 11.86 | 0.0 | 1.406 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.126 | 0.0 |
| 133 | 17252 | 17253 | NS | 1 | 0.248 | 259.897 | 9.996 | 0.0 | 31.413 | 14.27 | 0.0 | 264.16 | 10.31 | 0.0 | 73.929 | 12.677 | 0.0 | 1.404 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 134 | 17252 | 17253 | SN | 1 | 0.0 | 30.035 | 13.036 | 0.0 | 26.45 | 12.971 | 0.0 | 132.509 | 10.418 | 0.0 | 75.103 | 12.894 | 0.0 | 1.416 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.126 | 0.0 |
| 135 | 17252 | 17253 | SN | 1 | 0.0 | 23.301 | 6.007 | 0.0 | 26.643 | 7.383 | 0.0 | 128.488 | 2.405 | 0.0 | 63.136 | 3.651 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.124 | 0.0 |
| 136 | 17252 | 17253 | NS | 1 | 0.0 | 268.07 | 5.947 | 0.0 | 24.586 | 7.205 | 0.0 | 344.398 | 2.603 | 0.0 | 63.676 | 3.299 | 0.0 | 1.428 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 137 | 17252 | 17253 | NS | 1 | 0.0 | 253.955 | 5.934 | 0.0 | 24.586 | 7.208 | 0.0 | 344.387 | 2.601 | 0.0 | 63.665 | 3.301 | 0.0 | 1.428 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 138 | 17252 | 17253 | SN | 1 | 0.0 | 30.035 | 13.064 | 0.0 | 26.02 | 12.724 | 0.0 | 132.509 | 10.534 | 0.0 | 41.928 | 12.463 | 0.0 | 1.416 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.126 | 0.0 |
| 139 | 17252 | 17253 | NS | 1 | 0.248 | 259.897 | 9.996 | 0.0 | 31.413 | 14.289 | 0.0 | 243.788 | 10.31 | 0.0 | 73.912 | 12.677 | 0.0 | 1.413 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 140 | 17252 | 17253 | SN | 1 | 0.0 | 23.301 | 6.028 | 0.0 | 25.463 | 7.344 | 0.0 | 128.488 | 2.429 | 0.0 | 59.603 | 3.533 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.124 | 0.0 |
| 141 | 17253 | 17254 | SN | 1 | 0.0 | 23.306 | 6.042 | 0.0 | 26.141 | 7.397 | 0.0 | 143.55 | 2.428 | 0.0 | 58.633 | 3.603 | 0.0 | 1.41 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.125 | 0.0 |
| 142 | 17253 | 17254 | NS | 1 | 0.0 | 242.95 | 5.927 | 0.0 | 24.58 | 7.233 | 0.0 | 140.227 | 2.562 | 0.0 | 59.97 | 3.274 | 0.0 | 1.434 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 143 | 17253 | 17254 | NS | 1 | 0.0 | 161.477 | 5.919 | 0.0 | 24.58 | 7.251 | 0.0 | 333.109 | 2.569 | 0.0 | 52.961 | 3.275 | 0.0 | 1.427 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 144 | 17253 | 17254 | NS | 1 | 0.254 | 163.55 | 10.056 | 0.0 | 31.469 | 14.247 | 0.0 | 353.691 | 10.168 | 0.0 | 81.65 | 12.726 | 0.0 | 1.413 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.151 | 0.0 |
| 145 | 17253 | 17254 | NS | 1 | 0.0 | 212.071 | 9.969 | 0.0 | 31.474 | 14.201 | 0.0 | 345.81 | 10.192 | 0.0 | 74.976 | 12.728 | 0.0 | 1.403 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.151 | 0.0 |
| 146 | 17253 | 17254 | SN | 1 | 0.0 | 23.306 | 6.033 | 0.0 | 26.626 | 7.419 | 0.0 | 143.55 | 2.415 | 0.0 | 209.818 | 3.687 | 0.0 | 1.41 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.125 | 0.0 |
| 147 | 17253 | 17254 | SN | 1 | 0.0 | 30.526 | 13.01 | 0.0 | 26.02 | 12.776 | 0.0 | 150.328 | 10.47 | 0.0 | 153.314 | 12.762 | 0.0 | 1.416 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.126 | 0.0 |
| 148 | 17253 | 17254 | SN | 1 | 0.0 | 30.526 | 13.026 | 0.0 | 26.02 | 12.776 | 0.0 | 150.328 | 10.482 | 0.0 | 153.314 | 12.762 | 0.0 | 1.416 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.126 | 0.0 |
| 149 | 17253 | 17254 | SN | 1 | 0.0 | 30.526 | 12.997 | 0.0 | 26.444 | 12.89 | 0.0 | 150.328 | 10.424 | 0.0 | 153.314 | 12.965 | 0.0 | 1.416 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.126 | 0.0 |
| 150 | 17253 | 17254 | SN | 1 | 0.0 | 23.306 | 6.044 | 0.0 | 26.141 | 7.397 | 0.0 | 143.55 | 2.429 | 0.0 | 58.633 | 3.603 | 0.0 | 1.41 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.125 | 0.0 |
| 151 | 17254 | 17255 | SN | 1 | 0.05 | 30.244 | 13.091 | 0.0 | 43.908 | 12.783 | 0.0 | 182.221 | 10.532 | 0.0 | 19.6 | 12.652 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.124 | 0.0 |
| 152 | 17254 | 17255 | NS | 1 | 0.0 | 149.945 | 10.058 | 0.0 | 31.507 | 14.201 | 0.0 | 351.838 | 10.22 | 0.0 | 76.465 | 12.757 | 0.0 | 1.405 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.151 | 0.0 |
| 153 | 17254 | 17255 | NS | 1 | 0.0 | 149.945 | 10.058 | 0.0 | 31.507 | 14.201 | 0.0 | 351.838 | 10.22 | 0.0 | 76.465 | 12.757 | 0.0 | 1.405 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.151 | 0.0 |
| 154 | 17254 | 17255 | SN | 1 | 0.0 | 23.328 | 6.001 | 0.0 | 127.868 | 7.427 | 0.0 | 179.905 | 2.408 | 0.0 | 61.228 | 3.706 | 0.0 | 1.41 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.124 | 0.0 |
| 155 | 17254 | 17255 | SN | 1 | 0.0 | 23.328 | 6.001 | 0.0 | 127.868 | 7.427 | 0.0 | 179.905 | 2.408 | 0.0 | 61.228 | 3.708 | 0.0 | 1.41 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.124 | 0.0 |
| 156 | 17254 | 17255 | NS | 1 | 0.0 | 166.412 | 5.902 | 0.0 | 24.575 | 7.24 | 0.0 | 352.831 | 2.575 | 0.0 | 57.891 | 3.261 | 0.0 | 1.411 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 157 | 17254 | 17255 | NS | 1 | 0.0 | 166.412 | 5.902 | 0.0 | 24.575 | 7.24 | 0.0 | 352.831 | 2.575 | 0.0 | 57.891 | 3.261 | 0.0 | 1.411 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 158 | 17254 | 17255 | SN | 1 | 0.0 | 30.244 | 13.069 | 0.0 | 43.908 | 12.943 | 0.0 | 182.221 | 10.465 | 0.0 | 66.869 | 12.963 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.124 | 0.0 |
| 159 | 17254 | 17255 | SN | 1 | 0.0 | 30.244 | 13.069 | 0.0 | 43.908 | 12.943 | 0.0 | 182.221 | 10.465 | 0.0 | 66.869 | 12.963 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.124 | 0.0 |
| 160 | 17254 | 17255 | SN | 1 | 0.0 | 23.328 | 6.015 | 0.0 | 127.868 | 7.417 | 0.0 | 179.905 | 2.428 | 0.0 | 13.258 | 3.602 | 0.0 | 1.41 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.124 | 0.0 |
| 161 | 17255 | 17256 | SN | 1 | 0.0 | 23.306 | 6.033 | 0.0 | 234.989 | 7.408 | 0.0 | 164.171 | 2.448 | 0.0 | 13.109 | 3.599 | 0.0 | 1.409 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.126 | 0.0 |
| 162 | 17255 | 17256 | SN | 1 | 0.0 | 23.306 | 6.004 | 0.0 | 234.989 | 7.459 | 0.0 | 164.171 | 2.416 | 0.0 | 53.176 | 3.713 | 0.0 | 1.409 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.126 | 0.0 |
| 163 | 17255 | 17256 | SN | 1 | 0.0 | 30.062 | 13.107 | 0.0 | 78.332 | 12.657 | 0.0 | 168.025 | 10.603 | 0.0 | 76.264 | 12.537 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.128 | 0.0 |
| 164 | 17255 | 17256 | SN | 1 | 0.0 | 30.062 | 13.081 | 0.0 | 78.332 | 12.986 | 0.0 | 168.025 | 10.489 | 0.0 | 76.264 | 12.996 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.128 | 0.0 |
| 165 | 17255 | 17256 | NS | 1 | 0.0 | 95.644 | 5.908 | 0.0 | 24.58 | 7.266 | 0.0 | 351.612 | 2.549 | 0.0 | 55.326 | 3.247 | 0.0 | 1.419 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 166 | 17255 | 17256 | SN | 1 | 0.0 | 30.062 | 13.081 | 0.0 | 78.332 | 12.986 | 0.0 | 168.025 | 10.482 | 0.0 | 76.264 | 12.996 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.128 | 0.0 |
| 167 | 17255 | 17256 | NS | 1 | 0.0 | 26.345 | 9.942 | 0.0 | 35.77 | 14.229 | 0.0 | 355.136 | 10.122 | 0.0 | 77.414 | 12.721 | 0.0 | 1.415 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.151 | 0.0 |
| 168 | 17255 | 17256 | NS | 1 | 0.0 | 26.395 | 9.922 | 0.0 | 35.765 | 14.209 | 0.0 | 355.136 | 10.101 | 0.0 | 77.37 | 12.707 | 0.0 | 1.415 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.151 | 0.0 |
| 169 | 17255 | 17256 | SN | 1 | 0.0 | 23.306 | 6.004 | 0.0 | 234.989 | 7.459 | 0.0 | 164.171 | 2.418 | 0.0 | 53.176 | 3.713 | 0.0 | 1.409 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.126 | 0.0 |
| 170 | 17255 | 17256 | NS | 1 | 0.0 | 25.794 | 5.911 | 0.0 | 24.58 | 7.266 | 0.0 | 351.617 | 2.553 | 0.0 | 55.354 | 3.244 | 0.0 | 1.419 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.152 | 0.0 |
| 171 | 17256 | 17257 | SN | 1 | 0.0 | 23.323 | 6.006 | 0.0 | 26.56 | 7.443 | 0.0 | 167.06 | 2.411 | 0.0 | 66.042 | 3.709 | 0.0 | 1.41 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.125 | 0.0 |
| 172 | 17256 | 17257 | SN | 1 | 0.0 | 23.323 | 6.004 | 0.0 | 26.56 | 7.43 | 0.0 | 166.961 | 2.409 | 0.0 | 66.042 | 3.713 | 0.0 | 1.409 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.125 | 0.0 |
| 173 | 17256 | 17257 | NS | 1 | 0.0 | 45.088 | 9.993 | 0.0 | 31.386 | 14.238 | 0.0 | 136.527 | 10.157 | 0.0 | 79.592 | 12.741 | 0.0 | 1.411 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.153 | 0.0 |
| 174 | 17256 | 17257 | SN | 1 | 0.0 | 31.171 | 13.042 | 0.0 | 27.156 | 12.986 | 0.0 | 165.891 | 10.482 | 0.0 | 69.638 | 12.996 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.125 | 0.0 |
| 175 | 17256 | 17257 | SN | 1 | 0.0 | 31.171 | 13.077 | 0.0 | 25.943 | 12.56 | 0.0 | 165.891 | 10.665 | 0.0 | 16.755 | 12.372 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.125 | 0.0 |
| 176 | 17256 | 17257 | NS | 1 | 0.0 | 53.41 | 5.9 | 0.0 | 24.569 | 7.251 | 0.0 | 124.703 | 2.54 | 0.0 | 61.862 | 3.294 | 0.0 | 1.432 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.151 | 0.0 |
| 177 | 17256 | 17257 | SN | 1 | 0.0 | 31.16 | 13.032 | 0.0 | 27.156 | 13.006 | 0.0 | 165.808 | 10.489 | 0.0 | 69.638 | 12.982 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.125 | 0.0 |
| 178 | 17256 | 17257 | NS | 1 | 0.0 | 45.088 | 5.897 | 0.0 | 24.569 | 7.248 | 0.0 | 117.704 | 2.546 | 0.0 | 68.706 | 3.281 | 0.0 | 1.428 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 179 | 17256 | 17257 | NS | 1 | 0.0 | 45.088 | 9.871 | 0.0 | 35.87 | 14.24 | 0.0 | 355.869 | 10.102 | 0.0 | 85.196 | 12.728 | 0.0 | 1.398 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.152 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 180 | 17256 | 17257 | SN | 1 | 0.0 | 23.323 | 6.04 | 0.0 | 25.446 | 7.365 | 0.0 | 167.06 | 2.452 | 0.0 | 14.223 | 3.579 | 0.0 | 1.41 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.125 | 0.0 |
| 181 | 17257 | 17258 | SN | 1 | 0.0 | 23.306 | 6.053 | 0.0 | 25.463 | 7.346 | 0.0 | 194.464 | 2.473 | 0.0 | 13.115 | 3.511 | 0.0 | 1.41 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.125 | 0.0 |
| 182 | 17257 | 17258 | SN | 1 | 0.0 | 30.079 | 13.043 | 0.0 | 25.849 | 12.495 | 0.0 | 174.274 | 10.713 | 0.0 | 15.37 | 12.1 | 0.0 | 1.407 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.128 | 0.0 |
| 183 | 17257 | 17258 | NS | 1 | 0.0 | 206.264 | 10.006 | 0.0 | 31.408 | 14.27 | 0.0 | 353.569 | 10.204 | 0.0 | 79.526 | 12.77 | 0.0 | 1.411 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.151 | 0.0 |
| 184 | 17257 | 17258 | NS | 1 | 0.0 | 52.9 | 9.996 | 0.0 | 31.408 | 14.27 | 0.0 | 353.575 | 10.204 | 0.0 | 79.57 | 12.763 | 0.0 | 1.411 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.151 | 0.0 |
| 185 | 17257 | 17258 | SN | 1 | 0.0 | 30.079 | 12.984 | 0.0 | 27.2 | 13.015 | 0.0 | 174.274 | 10.46 | 0.0 | 110.887 | 12.958 | 0.0 | 1.407 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.128 | 0.0 |
| 186 | 17257 | 17258 | SN | 1 | 0.0 | 30.079 | 12.984 | 0.0 | 27.2 | 13.015 | 0.0 | 174.274 | 10.46 | 0.0 | 110.887 | 12.958 | 0.0 | 1.407 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.128 | 0.0 |
| 187 | 17257 | 17258 | NS | 1 | 0.0 | 96.149 | 5.911 | 0.0 | 24.58 | 7.244 | 0.0 | 311.225 | 2.557 | 0.0 | 64.84 | 3.269 | 0.0 | 1.433 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.151 | 0.0 |
| 188 | 17257 | 17258 | NS | 1 | 0.0 | 208.939 | 5.921 | 0.0 | 24.58 | 7.239 | 0.0 | 311.292 | 2.56 | 0.0 | 65.005 | 3.262 | 0.0 | 1.436 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.151 | 0.0 |
| 189 | 17257 | 17258 | SN | 1 | 0.0 | 23.306 | 6.011 | 0.0 | 26.66 | 7.455 | 0.0 | 194.464 | 2.416 | 0.0 | 209.846 | 3.692 | 0.0 | 1.41 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.125 | 0.0 |
| 190 | 17257 | 17258 | SN | 1 | 0.0 | 23.306 | 6.01 | 0.0 | 26.66 | 7.451 | 0.0 | 194.464 | 2.416 | 0.0 | 209.846 | 3.696 | 0.0 | 1.41 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.125 | 0.0 |
| 191 | 17258 | 17259 | SN | 1 | 0.0 | 30.233 | 12.962 | 0.0 | 26.439 | 12.956 | 0.0 | 167.937 | 10.414 | 0.0 | 71.403 | 12.928 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.123 | 0.0 |
| 192 | 17258 | 17259 | SN | 1 | 0.0 | 23.306 | 6.065 | 0.0 | 73.482 | 7.325 | 0.0 | 165.213 | 2.474 | 0.0 | 269.138 | 3.436 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.125 | 0.0 |
| 193 | 17258 | 17259 | SN | 1 | 0.0 | 30.233 | 13.031 | 0.0 | 25.772 | 12.376 | 0.0 | 167.937 | 10.681 | 0.0 | 63.359 | 11.943 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.123 | 0.0 |
| 194 | 17258 | 17259 | SN | 1 | 0.0 | 23.306 | 6.004 | 0.0 | 73.482 | 7.429 | 0.0 | 165.213 | 2.408 | 0.0 | 269.138 | 3.678 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.125 | 0.0 |
| 195 | 17258 | 17259 | NS | 1 | 0.0 | 159.949 | 5.909 | 0.0 | 24.569 | 7.245 | 0.0 | 352.698 | 2.572 | 0.0 | 57.097 | 3.286 | 0.0 | 1.43 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 196 | 17258 | 17259 | NS | 1 | 0.0 | 159.949 | 5.906 | 0.0 | 24.569 | 7.251 | 0.0 | 352.693 | 2.573 | 0.0 | 57.064 | 3.295 | 0.0 | 1.431 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 197 | 17258 | 17259 | NS | 1 | 0.0 | 162.149 | 9.999 | 0.0 | 31.458 | 14.264 | 0.0 | 351.336 | 10.213 | 0.0 | 76.576 | 12.671 | 0.0 | 1.4 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.15 | 0.0 |
| 198 | 17258 | 17259 | NS | 1 | 0.0 | 162.149 | 10.0 | 0.0 | 31.458 | 14.274 | 0.0 | 351.341 | 10.228 | 0.0 | 76.625 | 12.657 | 0.0 | 1.41 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.15 | 0.0 |
| 199 | 17258 | 17259 | SN | 1 | 0.0 | 23.306 | 6.005 | 0.0 | 73.482 | 7.42 | 0.0 | 165.213 | 2.408 | 0.0 | 269.138 | 3.676 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.125 | 0.0 |
| 200 | 17258 | 17259 | SN | 1 | 0.0 | 30.233 | 12.962 | 0.0 | 26.439 | 12.956 | 0.0 | 167.937 | 10.413 | 0.0 | 71.441 | 12.928 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.123 | 0.0 |
| 201 | 17259 | 17260 | NS | 1 | 0.0 | 25.821 | 5.922 | 0.0 | 24.575 | 7.223 | 0.0 | 351.617 | 2.589 | 0.0 | 55.332 | 3.267 | 0.0 | 1.423 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.151 | 0.0 |
| 202 | 17259 | 17260 | SN | 1 | 0.0 | 29.709 | 13.019 | 0.0 | 27.156 | 13.058 | 0.0 | 168.081 | 10.504 | 0.0 | 74.315 | 12.896 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.127 | 0.0 |
| 203 | 17259 | 17260 | SN | 1 | 0.0 | 23.301 | 6.098 | 0.0 | 25.457 | 7.281 | 0.0 | 164.314 | 2.497 | 0.0 | 14.174 | 3.44 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.124 | 0.0 |
| 204 | 17259 | 17260 | NS | 1 | 0.176 | 26.003 | 9.872 | 0.0 | 31.369 | 14.261 | 0.0 | 355.108 | 10.13 | 0.0 | 77.535 | 12.709 | 0.0 | 1.407 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.149 | 0.0 |
| 205 | 17259 | 17260 | NS | 1 | 0.0 | 26.003 | 9.872 | 0.0 | 31.364 | 14.261 | 0.0 | 355.114 | 10.159 | 0.0 | 77.596 | 12.709 | 0.0 | 1.406 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.149 | 0.0 |
| 206 | 17259 | 17260 | SN | 1 | 0.0 | 29.709 | 13.127 | 0.0 | 24.134 | 12.242 | 0.0 | 168.081 | 10.82 | 0.0 | 14.764 | 11.664 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.127 | 0.0 |
| 207 | 17259 | 17260 | SN | 1 | 0.0 | 23.301 | 6.017 | 0.0 | 26.544 | 7.423 | 0.0 | 164.314 | 2.411 | 0.0 | 56.126 | 3.681 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.124 | 0.0 |
| 208 | 17259 | 17260 | SN | 1 | 0.0 | 23.301 | 6.017 | 0.0 | 189.082 | 7.423 | 0.0 | 164.198 | 2.411 | 0.0 | 56.126 | 3.677 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.124 | 0.0 |
| 209 | 17259 | 17260 | SN | 1 | 0.0 | 29.527 | 12.987 | 0.0 | 27.156 | 13.067 | 0.0 | 167.981 | 10.504 | 0.0 | 74.315 | 12.917 | 0.0 | 1.413 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.816 | 0.0 | 0.0 | 2.125 | 0.0 |
| 210 | 17259 | 17260 | NS | 1 | 0.0 | 25.794 | 5.918 | 0.0 | 24.575 | 7.214 | 0.0 | 351.612 | 2.59 | 0.0 | 55.288 | 3.266 | 0.0 | 1.431 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 211 | 17260 | 17261 | NS | 1 | 0.0 | 154.117 | 5.932 | 0.0 | 24.575 | 7.259 | 0.0 | 308.424 | 2.575 | 0.0 | 68.414 | 3.291 | 0.0 | 1.435 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 212 | 17260 | 17261 | SN | 1 | 0.0 | 29.66 | 13.011 | 0.0 | 27.244 | 13.057 | 0.0 | 167.331 | 10.455 | 0.0 | 79.615 | 12.953 | 0.0 | 1.414 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.126 | 0.0 |
| 213 | 17260 | 17261 | NS | 1 | 0.0 | 254.048 | 9.872 | 0.0 | 31.408 | 14.291 | 0.0 | 355.285 | 10.152 | 0.0 | 126.707 | 12.638 | 0.0 | 1.413 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.151 | 0.0 |
| 214 | 17260 | 17261 | SN | 1 | 0.0 | 23.306 | 6.022 | 0.0 | 47.404 | 7.43 | 0.0 | 161.374 | 2.418 | 0.0 | 69.213 | 3.663 | 0.0 | 1.409 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.124 | 0.0 |
| 215 | 17261 | 17262 | SN | 1 | 0.0 | 23.334 | 6.03 | 0.0 | 281.191 | 7.433 | 0.0 | 192.054 | 2.421 | 0.0 | 69.183 | 3.666 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.123 | 0.0 |
| 216 | 17261 | 17262 | NS | 1 | 0.347 | 211.845 | 9.967 | 0.0 | 31.424 | 14.322 | 0.0 | 359.46 | 10.182 | 0.0 | 74.419 | 12.692 | 0.0 | 1.41 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.152 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-------|---------|--------|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 217 | 17261 | 17262 | NS | 1 | 0.0 | 191.963 | 5.921 | 0.0 | 24.575 | 7.283 | 0.0 | 342.286 | 2.564 | 0.0 | 63.886 | 3.266 | 0.0 | 1.429 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 218 | 17261 | 17262 | NS | 1 | 0.0 | 191.963 | 5.921 | 0.0 | 24.575 | 7.283 | 0.0 | 342.286 | 2.564 | 0.0 | 63.886 | 3.266 | 0.0 | 1.429 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 219 | 17261 | 17262 | SN | 1 | 0.0 | 30.211 | 13.038 | 0.11 | 26.538 | 12.985 | 0.0 | 176.794 | 10.431 | 0.0 | 78.062 | 12.937 | 0.0 | 1.407 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.126 | 0.0 |
| 220 | 17261 | 17262 | NS | 1 | 0.347 | 211.845 | 9.967 | 0.0 | 31.424 | 14.322 | 0.0 | 359.46 | 10.182 | 0.0 | 74.419 | 12.692 | 0.0 | 1.41 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.152 | 0.0 |
| 221 | 17262 | 17263 | SN | 1 | 0.0 | 30.073 | 13.018 | 0.088 | 27.2 | 13.014 | 0.0 | 145.166 | 10.396 | 0.0 | 70.013 | 12.965 | 0.0 | 1.41 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.126 | 0.0 |
| 222 | 17262 | 17263 | SN | 1 | 0.0 | 30.073 | 13.018 | 0.094 | 27.2 | 13.044 | 0.0 | 145.138 | 10.396 | 0.0 | 70.024 | 12.972 | 0.0 | 1.41 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.126 | 0.0 |
| 223 | 17262 | 17263 | NS | 1 | 0.0 | 257.68 | 5.94 | 0.0 | 118.231 | 7.302 | 0.0 | 351.358 | 2.573 | 0.0 | 125.213 | 3.328 | 0.0 | 1.428 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 224 | 17262 | 17263 | NS | 1 | 0.0 | 257.68 | 5.914 | 0.0 | 118.231 | 7.292 | 0.0 | 351.358 | 2.558 | 0.0 | 125.213 | 3.362 | 0.0 | 1.428 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 225 | 17262 | 17263 | NS | 1 | 0.0 | 257.68 | 5.914 | 0.0 | 118.231 | 7.292 | 0.0 | 351.358 | 2.558 | 0.0 | 125.213 | 3.362 | 0.0 | 1.428 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.152 | 0.0 |
| 226 | 17262 | 17263 | NS | 1 | 0.0 | 238.769 | 9.938 | 0.0 | 71.303 | 14.293 | 0.0 | 349.566 | 10.206 | 0.0 | 125.952 | 12.886 | 0.0 | 1.413 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.153 | 0.0 |
| 227 | 17262 | 17263 | NS | 1 | 0.0 | 238.769 | 9.938 | 0.0 | 71.303 | 14.293 | 0.0 | 349.566 | 10.206 | 0.0 | 125.952 | 12.886 | 0.0 | 1.413 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.153 | 0.0 |
| 228 | 17262 | 17263 | NS | 1 | 0.0 | 238.769 | 9.929 | 0.0 | 71.303 | 14.236 | 0.0 | 349.566 | 10.253 | 0.0 | 125.952 | 12.817 | 0.0 | 1.413 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.153 | 0.0 |
| 229 | 17262 | 17263 | SN | 1 | 0.0 | 23.301 | 6.021 | 0.0 | 170.447 | 7.458 | 0.0 | 176.337 | 2.403 | 0.0 | 44.947 | 3.685 | 0.0 | 1.41 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.125 | 0.0 |
| 230 | 17262 | 17263 | SN | 1 | 0.0 | 23.301 | 6.025 | 0.0 | 26.097 | 7.451 | 0.0 | 176.414 | 2.399 | 0.0 | 44.942 | 3.687 | 0.0 | 1.41 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.125 | 0.0 |
| 231 | 17263 | 17264 | NS | 1 | 0.0 | 237.898 | 5.906 | 0.0 | 24.586 | 7.252 | 0.0 | 352.946 | 2.568 | 0.0 | 52.922 | 3.27 | 0.0 | 1.429 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 232 | 17263 | 17264 | SN | 1 | 0.0 | 23.306 | 6.033 | 0.0 | 124.918 | 7.439 | 0.0 | 163.012 | 2.427 | 0.0 | 60.533 | 3.682 | 0.0 | 1.411 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.125 | 0.0 |
| 233 | 17263 | 17264 | NS | 1 | 0.0 | 162.108 | 6.035 | 0.0 | 24.586 | 7.311 | 0.0 | 352.946 | 2.654 | 0.0 | 12.916 | 3.227 | 0.0 | 1.424 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 234 | 17263 | 17264 | NS | 1 | 0.0 | 270.552 | 9.918 | 0.0 | 31.485 | 14.212 | 0.0 | 354.888 | 10.22 | 0.0 | 76.918 | 12.779 | 0.0 | 1.414 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.153 | 0.0 |
| 235 | 17263 | 17264 | NS | 1 | 0.0 | 211.349 | 9.995 | 0.0 | 29.869 | 13.867 | 0.0 | 354.888 | 10.491 | 0.0 | 14.262 | 12.359 | 0.0 | 1.414 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.154 | 0.0 |
| 236 | 17263 | 17264 | SN | 1 | 0.0 | 30.018 | 13.033 | 0.0 | 239.255 | 12.965 | 0.0 | 177.456 | 10.398 | 0.0 | 94.83 | 12.978 | 0.0 | 1.413 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.125 | 0.0 |
| 237 | 17264 | 17265 | SN | 1 | 0.0 | 29.66 | 12.98 | 0.0 | 27.161 | 13.056 | 0.0 | 154.608 | 10.489 | 0.0 | 262.539 | 12.939 | 0.0 | 1.414 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.126 | 0.0 |
| 238 | 17264 | 17265 | NS | 1 | 0.0 | 122.623 | 5.911 | 0.0 | 24.58 | 7.214 | 0.0 | 265.942 | 2.594 | 0.0 | 56.391 | 3.27 | 0.0 | 1.437 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 239 | 17264 | 17265 | SN | 1 | 0.0 | 23.295 | 6.024 | 0.0 | 25.86 | 7.453 | 0.0 | 150.863 | 2.411 | 0.0 | 57.902 | 3.693 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.124 | 0.0 |
| 240 | 17264 | 17265 | NS | 1 | 0.0 | 256.268 | 9.946 | 0.0 | 31.364 | 14.253 | 0.0 | 198.929 | 10.252 | 0.0 | 74.954 | 12.673 | 0.0 | 1.405 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.151 | 0.0 |
| 241 | 17264 | 17265 | SN | 1 | 0.0 | 29.66 | 12.98 | 0.0 | 27.161 | 13.056 | 0.0 | 154.608 | 10.489 | 0.0 | 262.539 | 12.939 | 0.0 | 1.414 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.126 | 0.0 |
| 242 | 17264 | 17265 | SN | 1 | 0.0 | 23.295 | 6.024 | 0.0 | 25.86 | 7.453 | 0.0 | 150.863 | 2.411 | 0.0 | 57.902 | 3.692 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.124 | 0.0 |
| 243 | 17265 | 17266 | NS | 1 | 0.0 | 25.75 | 5.914 | 0.0 | 24.575 | 7.251 | 0.0 | 352.389 | 2.581 | 0.0 | 63.687 | 3.264 | 0.0 | 1.437 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.153 | 0.0 |
| 244 | 17265 | 17266 | NS | 1 | 0.0 | 25.75 | 5.914 | 0.0 | 24.575 | 7.251 | 0.0 | 352.389 | 2.581 | 0.0 | 63.687 | 3.264 | 0.0 | 1.437 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.153 | 0.0 |
| 245 | 17265 | 17266 | SN | 1 | 0.0 | 30.57 | 13.044 | 0.0 | 145.819 | 12.962 | 0.0 | 139.623 | 10.424 | 0.0 | 239.172 | 12.945 | 0.0 | 1.405 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.126 | 0.0 |
| 246 | 17265 | 17266 | NS | 1 | 0.0 | 125.508 | 9.891 | 0.0 | 36.272 | 14.28 | 0.0 | 146.906 | 10.25 | 0.0 | 74.177 | 12.763 | 0.0 | 1.406 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.152 | 0.0 |
| 247 | 17265 | 17266 | NS | 1 | 0.0 | 125.508 | 9.891 | 0.0 | 36.272 | 14.28 | 0.0 | 146.906 | 10.25 | 0.0 | 74.177 | 12.763 | 0.0 | 1.406 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.152 | 0.0 |
| 248 | 17265 | 17266 | SN | 1 | 0.0 | 23.295 | 6.016 | 0.0 | 26.036 | 7.429 | 0.0 | 128.378 | 2.414 | 0.0 | 217.696 | 3.696 | 0.0 | 1.409 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.124 | 0.0 |
| 249 | 17266 | 17267 | NS | 1 | 0.0 | 270.232 | 9.902 | 0.0 | 33.68 | 14.28 | 0.0 | 134.387 | 10.238 | 0.0 | 82.427 | 12.749 | 0.0 | 1.415 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.152 | 0.0 |
| 250 | 17266 | 17267 | NS | 1 | 0.0 | 58.103 | 5.904 | 0.0 | 24.58 | 7.231 | 0.0 | 344.122 | 2.585 | 0.0 | 59.915 | 3.299 | 0.0 | 1.42 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |

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