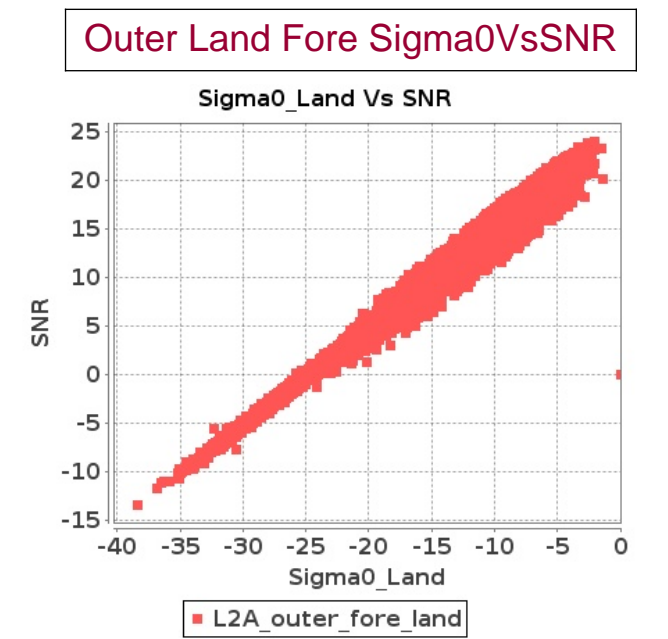
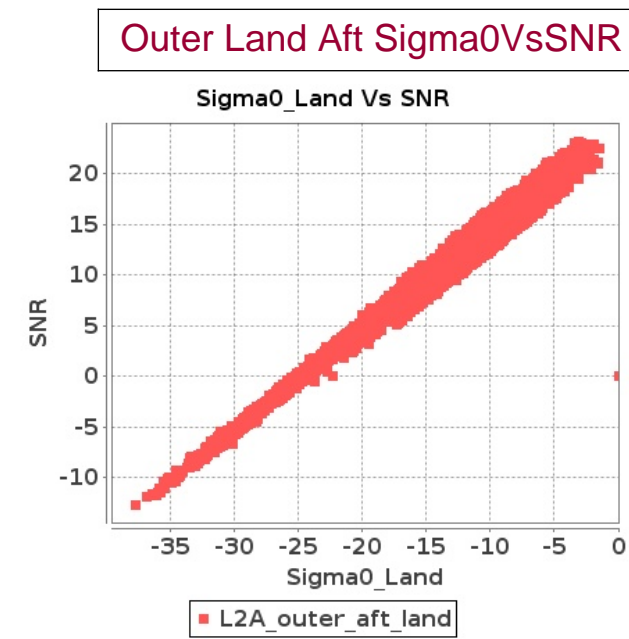
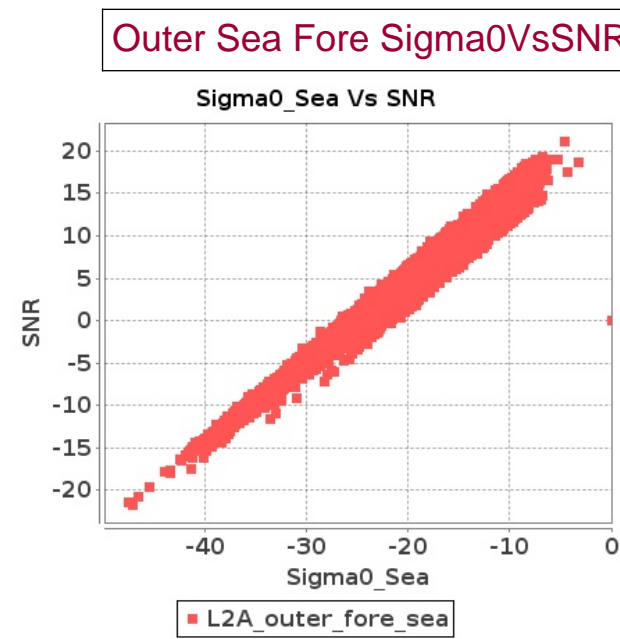
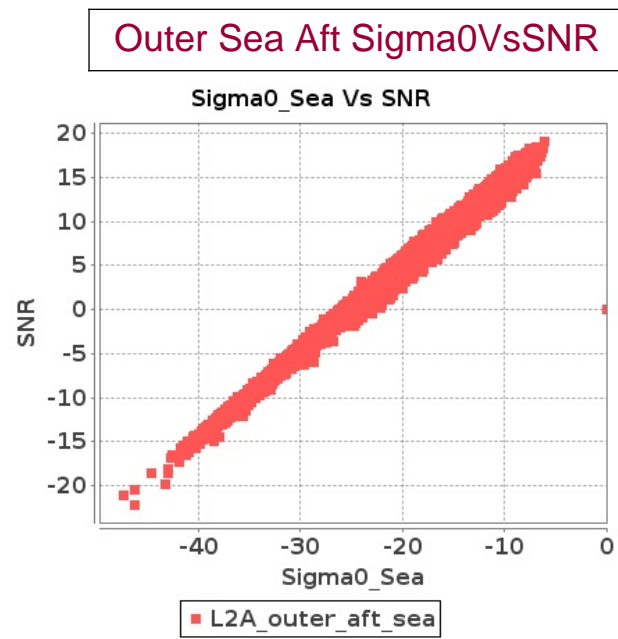
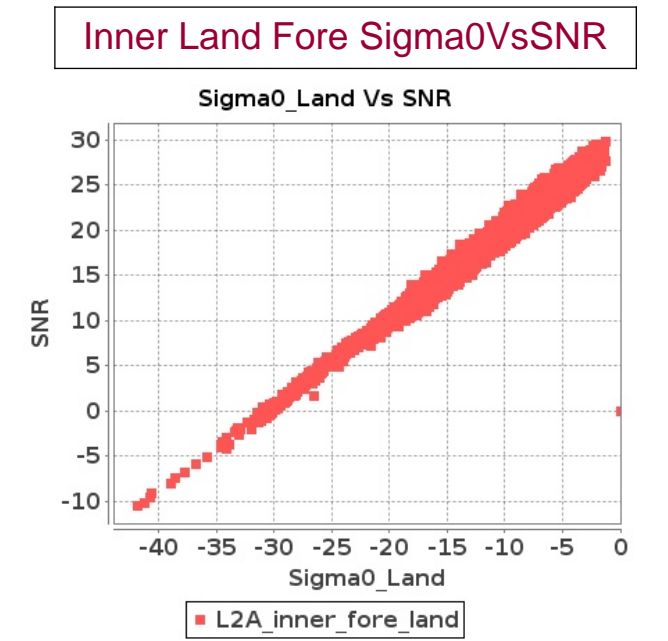
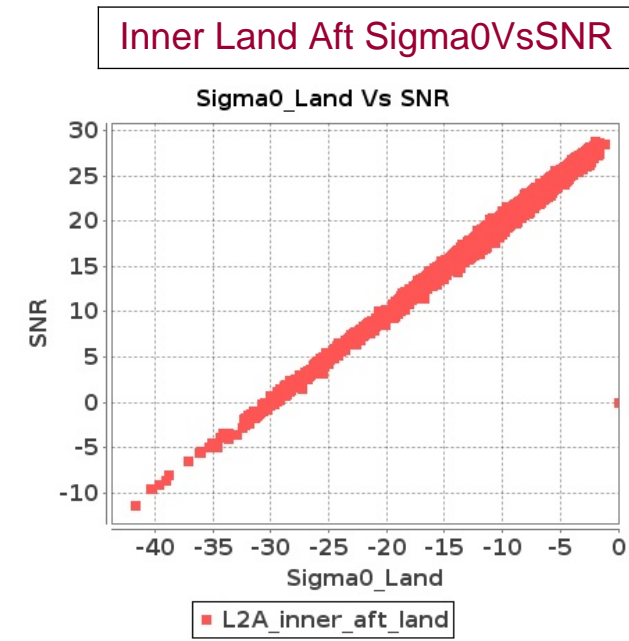
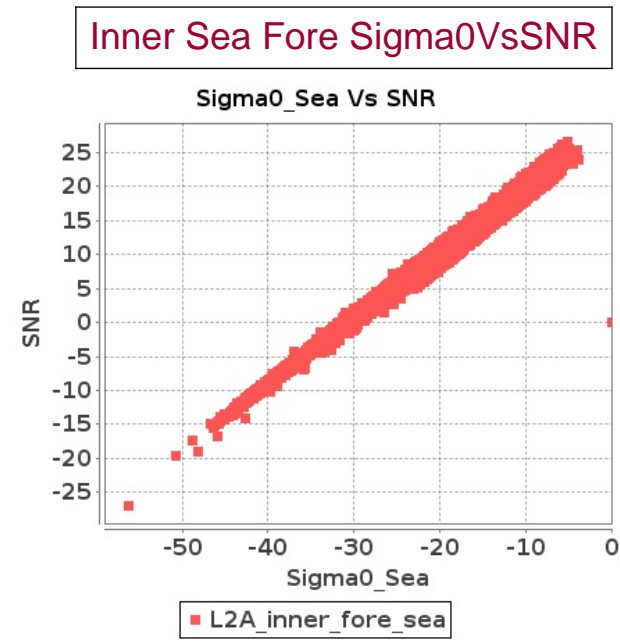
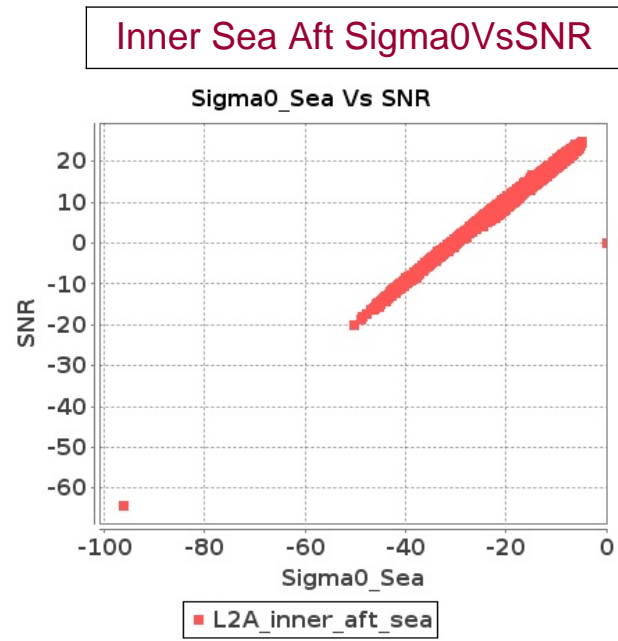


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 23-DEC-2018 To 24-DEC-2018



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

Report between 23-DEC-2018 To 24-DEC-2018

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | SNR | | | | | | | | | | | | Sigma0 | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 11857 | 11858 | SN | 1 | 0.0 | 43.647 | 4.196 | 0.0 | 42.62 | 4.939 | 0.0 | 42.858 | 3.864 | 0.0 | 38.989 | 4.677 | 0.0 | 43.257 | 4.251 | 0.0 | 43.027 | 4.808 | 0.0 | 43.06 | 3.918 | 0.0 | 40.986 | 4.27 |
| 2 | 11857 | 11858 | SN | 1 | 0.0 | 43.393 | 0.856 | 0.0 | 41.642 | 1.285 | 0.0 | 37.708 | 1.068 | 0.0 | 39.309 | 1.4 | 0.0 | 42.607 | 0.849 | 0.0 | 40.746 | 1.165 | 0.0 | 35.855 | 1.01 | 0.0 | 36.182 | 1.217 |
| 3 | 11857 | 11858 | SN | 1 | 0.0 | 43.647 | 3.901 | 0.0 | 42.62 | 4.608 | 0.0 | 42.858 | 3.616 | 0.0 | 38.989 | 4.348 | 0.0 | 43.257 | 3.941 | 0.0 | 43.027 | 4.486 | 0.0 | 43.06 | 3.644 | 0.0 | 40.986 | 3.977 |
| 4 | 11857 | 11858 | SN | 1 | 0.0 | 43.393 | 0.92 | 0.0 | 41.642 | 1.376 | 0.0 | 37.708 | 1.139 | 0.0 | 39.309 | 1.505 | 0.0 | 42.607 | 0.913 | 0.0 | 40.746 | 1.249 | 0.0 | 35.855 | 1.074 | 0.0 | 36.182 | 1.305 |
| 5 | 11858 | 11859 | NS | 1 | 0.777 | 56.162 | 7.067 | 0.0 | 57.381 | 7.916 | 0.0 | 51.433 | 5.808 | 0.0 | 52.01 | 6.833 | 0.671 | 55.279 | 7.016 | 0.0 | 55.821 | 7.48 | 0.0 | 51.062 | 5.581 | 0.0 | 48.302 | 5.951 |
| 6 | 11858 | 11859 | SN | 1 | 0.0 | 47.98 | 4.357 | 1.108 | 52.349 | 4.998 | 0.0 | 44.897 | 3.052 | 0.0 | 46.119 | 4.106 | 0.0 | 49.042 | 4.357 | 0.966 | 50.855 | 4.703 | 0.0 | 43.181 | 2.917 | 0.0 | 43.913 | 3.657 |
| 7 | 11858 | 11859 | SN | 1 | 0.0 | 42.391 | 0.951 | 0.0 | 48.102 | 1.227 | 0.0 | 47.826 | 0.947 | 0.0 | 37.212 | 1.228 | 0.0 | 41.633 | 0.944 | 0.0 | 46.571 | 1.092 | 0.0 | 48.475 | 0.843 | 0.0 | 36.625 | 1.015 |
| 8 | 11858 | 11859 | NS | 1 | 0.0 | 44.919 | 1.852 | 0.0 | 45.593 | 2.235 | 0.0 | 43.502 | 1.676 | 0.0 | 42.563 | 2.092 | 0.0 | 46.108 | 1.881 | 0.0 | 47.881 | 2.057 | 0.0 | 40.613 | 1.612 | 0.0 | 42.008 | 1.768 |
| 9 | 11858 | 11859 | SN | 1 | 0.0 | 47.98 | 4.465 | 1.108 | 52.349 | 5.115 | 0.0 | 44.897 | 3.122 | 0.0 | 46.119 | 4.189 | 0.0 | 49.042 | 4.465 | 0.966 | 50.855 | 4.813 | 0.0 | 43.181 | 2.998 | 0.0 | 43.913 | 3.744 |
| 10 | 11858 | 11859 | SN | 1 | 0.0 | 42.391 | 0.928 | 0.0 | 48.102 | 1.197 | 0.0 | 47.826 | 0.924 | 0.0 | 37.212 | 1.202 | 0.0 | 41.633 | 0.921 | 0.0 | 46.571 | 1.066 | 0.0 | 48.475 | 0.823 | 0.0 | 36.625 | 0.992 |
| 11 | 11859 | 11860 | NS | 1 | 0.0 | 49.023 | 1.287 | 0.0 | 45.692 | 2.014 | 0.0 | 44.145 | 1.363 | 0.0 | 44.459 | 1.984 | 0.0 | 49.254 | 1.314 | 0.0 | 47.302 | 1.822 | 0.0 | 44.458 | 1.317 | 0.0 | 44.15 | 1.775 |
| 12 | 11859 | 11860 | NS | 1 | 0.084 | 52.013 | 4.991 | 0.0 | 56.772 | 6.658 | 0.0 | 41.718 | 4.369 | 0.0 | 45.095 | 5.603 | 0.04 | 52.87 | 4.941 | 0.0 | 57.416 | 6.252 | 0.0 | 43.379 | 4.284 | 0.0 | 46.916 | 5.318 |
| 13 | 11859 | 11860 | SN | 1 | 0.0 | 42.79 | 0.918 | 0.0 | 40.435 | 1.251 | 0.0 | 42.539 | 1.009 | 0.0 | 38.59 | 1.529 | 0.0 | 42.825 | 0.955 | 0.0 | 40.366 | 1.104 | 0.0 | 42.252 | 0.99 | 0.0 | 37.235 | 1.34 |
| 14 | 11859 | 11860 | SN | 1 | 0.0 | 46.984 | 3.615 | 0.481 | 48.608 | 4.413 | 0.0 | 43.5 | 3.256 | 0.0 | 45.163 | 4.514 | 0.0 | 47.488 | 3.698 | 0.589 | 49.901 | 4.227 | 0.0 | 42.537 | 3.285 | 0.0 | 42.395 | 4.211 |
| 15 | 11859 | 11860 | SN | 1 | 0.0 | 46.984 | 3.565 | 0.481 | 48.608 | 4.357 | 0.0 | 43.5 | 3.209 | 0.0 | 45.163 | 4.456 | 0.0 | 47.488 | 3.646 | 0.589 | 49.901 | 4.173 | 0.0 | 42.537 | 3.237 | 0.0 | 42.395 | 4.149 |
| 16 | 11859 | 11860 | SN | 1 | 0.0 | 42.79 | 0.905 | 0.0 | 40.435 | 1.235 | 0.0 | 42.539 | 0.995 | 0.0 | 38.59 | 1.509 | 0.0 | 42.825 | 0.941 | 0.0 | 40.366 | 1.09 | 0.0 | 42.252 | 0.975 | 0.0 | 37.235 | 1.322 |
| 17 | 11860 | 11861 | NS | 1 | 0.0 | 43.229 | 1.073 | 0.0 | 41.388 | 1.583 | 0.0 | 38.635 | 1.182 | 0.0 | 36.169 | 1.731 | 0.0 | 42.712 | 1.069 | 0.0 | 40.919 | 1.531 | 0.0 | 38.246 | 1.12 | 0.0 | 37.046 | 1.596 |
| 18 | 11860 | 11861 | SN | 1 | 0.0 | 40.889 | 1.991 | 0.0 | 42.631 | 3.446 | 0.0 | 45.776 | 2.48 | 0.0 | 42.798 | 3.653 | 0.0 | 41.359 | 2.012 | 0.0 | 43.246 | 3.104 | 0.0 | 45.951 | 2.459 | 0.0 | 40.495 | 3.34 |
| 19 | 11860 | 11861 | SN | 1 | 0.0 | 40.889 | 1.96 | 0.0 | 42.631 | 3.394 | 0.0 | 38.064 | 2.425 | 0.0 | 42.798 | 3.603 | 0.0 | 41.359 | 1.98 | 0.0 | 43.246 | 3.056 | 0.0 | 37.678 | 2.397 | 0.0 | 40.495 | 3.295 |
| 20 | 11860 | 11861 | SN | 1 | 0.0 | 40.889 | 1.96 | 0.0 | 42.631 | 3.394 | 0.0 | 38.064 | 2.425 | 0.0 | 42.798 | 3.603 | 0.0 | 41.359 | 1.98 | 0.0 | 43.246 | 3.056 | 0.0 | 37.678 | 2.397 | 0.0 | 40.495 | 3.295 |
| 21 | 11860 | 11861 | NS | 1 | 0.0 | 49.611 | 3.346 | 0.0 | 45.254 | 5.033 | 0.0 | 43.865 | 3.894 | 0.0 | 43.426 | 5.248 | 0.0 | 51.315 | 3.417 | 0.0 | 47.521 | 4.85 | 0.0 | 43.438 | 3.908 | 0.0 | 46.653 | 4.835 |
| 22 | 11860 | 11861 | NS | 1 | 0.0 | 49.611 | 3.336 | 0.0 | 45.254 | 5.033 | 0.0 | 43.865 | 3.894 | 0.0 | 43.426 | 5.248 | 0.0 | 51.315 | 3.407 | 0.0 | 47.521 | 4.85 | 0.0 | 43.438 | 3.915 | 0.0 | 46.653 | 4.835 |
| 23 | 11860 | 11861 | SN | 1 | 0.0 | 37.846 | 0.701 | 0.0 | 42.821 | 1.083 | 0.0 | 37.669 | 0.899 | 0.0 | 39.759 | 1.286 | 0.0 | 37.018 | 0.671 | 0.0 | 42.312 | 0.97 | 0.0 | 37.877 | 0.85 | 0.0 | 36.61 | 1.132 |
| 24 | 11860 | 11861 | SN | 1 | 0.0 | 37.846 | 0.688 | 0.0 | 42.821 | 1.066 | 0.0 | 37.669 | 0.886 | 0.0 | 39.759 | 1.264 | 0.0 | 37.018 | 0.656 | 0.0 | 42.312 | 0.955 | 0.0 | 37.877 | 0.842 | 0.0 | 36.61 | 1.114 |
| 25 | 11860 | 11861 | SN | 1 | 0.0 | 37.846 | 0.688 | 0.0 | 42.821 | 1.066 | 0.0 | 37.669 | 0.886 | 0.0 | 39.759 | 1.264 | 0.0 | 37.018 | 0.656 | 0.0 | 42.312 | 0.955 | 0.0 | 37.877 | 0.842 | 0.0 | 36.61 | 1.114 |
| 26 | 11860 | 11861 | NS | 1 | 0.0 | 43.229 | 1.076 | 0.0 | 41.388 | 1.583 | 0.0 | 38.635 | 1.182 | 0.0 | 36.169 | 1.731 | 0.0 | 42.712 | 1.071 | 0.0 | 40.919 | 1.531 | 0.0 | 38.246 | 1.12 | 0.0 | 37.046 | 1.596 |
| 27 | 11861 | 11862 | SN | 1 | 0.0 | 39.368 | 0.717 | 0.0 | 37.354 | 0.928 | 0.0 | 40.855 | 0.89 | 0.0 | 38.092 | 1.478 | 0.0 | 38.981 | 0.73 | 0.0 | 36.921 | 0.851 | 0.0 | 39.432 | 0.86 | 0.0 | 37.787 | 1.283 |
| 28 | 11861 | 11862 | SN | 1 | 0.0 | 41.053 | 2.893 | 0.0 | 49.359 | 3.723 | 0.0 | 34.339 | 2.873 | 0.0 | 40.367 | 3.913 | 0.0 | 41.445 | 2.954 | 0.0 | 48.846 | 3.51 | 0.0 | 34.374 | 2.845 | 0.0 | 37.327 | 3.507 |
| 29 | 11861 | 11862 | SN | 1 | 0.0 | 39.368 | 0.719 | 0.0 | 37.352 | 0.923 | 0.0 | 40.855 | 0.892 | 0.0 | 38.092 | 1.477 | 0.0 | 38.981 | 0.728 | 0.0 | 36.921 | 0.851 | 0.0 | 39.432 | 0.847 | 0.0 | 37.787 | 1.285 |
| 30 | 11861 | 11862 | NS | 1 | 0.0 | 52.211 | 2.723 | 0.0 | 52.27 | 3.827 | 0.0 | 46.554 | 1.964 | 0.0 | 49.552 | 2.895 | 0.0 | 52.98 | 2.773 | 0.0 | 54.991 | 3.411 | 0.0 | 45.767 | 1.766 | 0.0 | 46.354 | 2.319 |
| 31 | 11861 | 11862 | NS | 1 | 0.0 | 43.257 | 0.575 | 0.0 | 39.817 | 0.85 | 0.0 | 41.984 | 0.481 | 0.0 | 47.575 | 0.838 | 0.0 | 42.974 | 0.566 | 0.0 | 40.431 | 0.735 | 0.0 | 40.322 | 0.412 | 0.0 | 48.432 | 0.588 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 32 | 11861 | 11862 | NS | 1 | 0.0 | 46.271 | 0.561 | 0.0 | 44.176 | 0.896 | 0.0 | 37.847 | 0.473 | 0.0 | 49.088 | 0.856 | 0.0 | 47.548 | 0.55 | 0.0 | 40.529 | 0.774 | 0.0 | 35.538 | 0.411 | 0.0 | 46.772 | 0.633 |
| 33 | 11861 | 11862 | SN | 1 | 0.0 | 41.051 | 2.893 | 0.0 | 49.345 | 3.733 | 0.0 | 34.701 | 2.895 | 0.0 | 40.367 | 3.913 | 0.0 | 41.442 | 2.944 | 0.0 | 48.833 | 3.52 | 0.0 | 34.247 | 2.88 | 0.0 | 37.327 | 3.493 |
| 34 | 11861 | 11862 | NS | 1 | 0.0 | 44.571 | 2.512 | 0.0 | 45.438 | 3.683 | 0.0 | 41.047 | 1.88 | 0.0 | 43.116 | 2.852 | 0.0 | 44.556 | 2.542 | 0.0 | 47.671 | 3.196 | 0.0 | 44.304 | 1.759 | 0.0 | 43.714 | 2.197 |
| 35 | 11861 | 11862 | SN | 1 | 0.0 | 39.368 | 0.739 | 0.0 | 37.352 | 0.944 | 0.0 | 42.81 | 0.918 | 0.0 | 38.092 | 1.506 | 0.0 | 38.981 | 0.749 | 0.0 | 36.921 | 0.87 | 0.0 | 41.387 | 0.872 | 0.0 | 37.787 | 1.313 |
| 36 | 11862 | 11863 | SN | 1 | 0.0 | 41.156 | 4.175 | 0.0 | 43.797 | 5.338 | 0.0 | 48.5 | 3.726 | 0.0 | 40.796 | 5.19 | 0.0 | 40.401 | 4.27 | 0.0 | 45.49 | 5.0 | 0.0 | 48.873 | 3.851 | 0.0 | 39.482 | 5.013 |
| 37 | 11862 | 11863 | SN | 1 | 0.0 | 36.048 | 1.118 | 0.0 | 44.119 | 1.543 | 0.0 | 38.291 | 1.263 | 0.0 | 38.803 | 1.954 | 0.0 | 35.772 | 1.116 | 0.0 | 44.199 | 1.445 | 0.0 | 36.577 | 1.22 | 0.0 | 35.242 | 1.709 |
| 38 | 11862 | 11863 | SN | 1 | 0.0 | 41.156 | 3.981 | 0.0 | 43.797 | 5.168 | 0.0 | 46.249 | 3.543 | 0.0 | 40.796 | 5.04 | 0.0 | 40.401 | 4.072 | 0.0 | 45.49 | 4.852 | 0.0 | 46.623 | 3.685 | 0.0 | 39.461 | 4.854 |
| 39 | 11862 | 11863 | SN | 1 | 0.0 | 36.048 | 1.077 | 0.0 | 44.093 | 1.484 | 0.0 | 38.291 | 1.212 | 0.0 | 39.113 | 1.882 | 0.0 | 35.772 | 1.075 | 0.0 | 44.173 | 1.387 | 0.0 | 36.577 | 1.176 | 0.0 | 35.242 | 1.646 |
| 40 | 11862 | 11863 | SN | 1 | 0.0 | 36.048 | 1.079 | 0.0 | 44.119 | 1.489 | 0.0 | 38.291 | 1.213 | 0.0 | 38.803 | 1.89 | 0.0 | 35.772 | 1.077 | 0.0 | 44.199 | 1.393 | 0.0 | 36.577 | 1.174 | 0.0 | 35.242 | 1.649 |
| 41 | 11862 | 11863 | NS | 1 | 0.0 | 45.437 | 0.834 | 0.0 | 44.608 | 1.052 | 0.0 | 41.914 | 0.864 | 0.0 | 43.678 | 1.273 | 0.0 | 46.343 | 0.834 | 0.0 | 42.078 | 0.937 | 0.0 | 39.046 | 0.814 | 0.0 | 38.733 | 0.97 |
| 42 | 11862 | 11863 | SN | 1 | 0.0 | 41.156 | 4.022 | 0.0 | 43.797 | 5.148 | 0.0 | 48.5 | 3.585 | 0.0 | 40.796 | 5.011 | 0.0 | 40.401 | 4.103 | 0.0 | 45.49 | 4.822 | 0.0 | 48.873 | 3.706 | 0.0 | 39.482 | 4.833 |
| 43 | 11862 | 11863 | NS | 1 | 0.0 | 51.179 | 3.18 | 0.0 | 49.096 | 3.633 | 0.0 | 45.576 | 3.27 | 0.0 | 47.408 | 4.053 | 0.0 | 52.04 | 3.119 | 0.0 | 48.532 | 3.308 | 0.0 | 47.016 | 3.05 | 0.0 | 51.339 | 3.342 |
| 44 | 11862 | 11863 | NS | 1 | 0.0 | 48.214 | 2.996 | 0.0 | 49.53 | 3.462 | 0.0 | 46.378 | 3.12 | 0.0 | 43.373 | 3.983 | 0.0 | 49.262 | 3.036 | 0.0 | 50.109 | 3.228 | 0.0 | 47.142 | 2.858 | 0.0 | 41.201 | 3.265 |
| 45 | 11862 | 11863 | NS | 1 | 0.0 | 46.158 | 0.75 | 0.0 | 48.491 | 1.06 | 0.0 | 43.611 | 0.924 | 0.0 | 46.336 | 1.352 | 0.0 | 43.749 | 0.764 | 0.0 | 46.097 | 0.932 | 0.0 | 41.778 | 0.879 | 0.0 | 50.488 | 1.045 |
| 46 | 11863 | 11864 | SN | 1 | 0.0 | 56.097 | 1.978 | 0.0 | 49.125 | 2.463 | 0.0 | 41.452 | 1.543 | 0.0 | 50.124 | 2.236 | 0.0 | 56.35 | 2.017 | 0.0 | 50.035 | 2.356 | 0.0 | 40.209 | 1.527 | 0.0 | 46.443 | 2.099 |
| 47 | 11863 | 11864 | NS | 1 | 0.0 | 53.198 | 1.556 | 0.0 | 51.647 | 2.033 | 0.0 | 38.369 | 1.654 | 0.0 | 40.015 | 2.158 | 0.0 | 53.54 | 1.534 | 0.0 | 48.368 | 1.979 | 0.0 | 38.743 | 1.608 | 0.0 | 40.329 | 1.965 |
| 48 | 11863 | 11864 | SN | 1 | 0.0 | 51.2 | 8.933 | 0.0 | 51.603 | 10.37 | 0.0 | 45.661 | 6.019 | 0.0 | 54.038 | 7.865 | 0.0 | 51.129 | 9.029 | 0.0 | 51.86 | 9.972 | 0.0 | 43.406 | 6.049 | 0.0 | 51.252 | 7.496 |
| 49 | 11863 | 11864 | NS | 1 | 0.0 | 49.586 | 5.364 | 0.0 | 51.251 | 6.64 | 0.0 | 47.047 | 5.567 | 0.0 | 47.276 | 6.9 | 0.0 | 50.08 | 5.374 | 0.0 | 50.462 | 6.386 | 0.0 | 50.656 | 5.475 | 0.0 | 45.956 | 6.516 |
| 50 | 11863 | 11864 | NS | 1 | 0.0 | 53.054 | 1.555 | 0.0 | 50.595 | 2.087 | 0.0 | 41.081 | 1.61 | 0.0 | 42.151 | 2.151 | 0.0 | 53.235 | 1.584 | 0.0 | 50.346 | 1.951 | 0.0 | 42.647 | 1.525 | 0.0 | 40.981 | 1.978 |
| 51 | 11863 | 11864 | NS | 1 | 0.0 | 55.834 | 5.464 | 0.0 | 50.213 | 6.743 | 0.0 | 48.099 | 5.743 | 0.0 | 44.999 | 7.001 | 0.0 | 56.332 | 5.515 | 0.0 | 51.363 | 6.591 | 0.0 | 47.275 | 5.488 | 0.0 | 44.082 | 6.495 |
| 52 | 11863 | 11864 | SN | 1 | 0.0 | 51.2 | 8.46 | 0.0 | 51.603 | 9.826 | 0.0 | 45.661 | 5.701 | 0.0 | 54.038 | 7.47 | 0.0 | 51.129 | 8.552 | 0.0 | 51.86 | 9.45 | 0.0 | 43.406 | 5.736 | 0.0 | 51.252 | 7.106 |
| 53 | 11863 | 11864 | SN | 1 | 0.0 | 56.097 | 2.088 | 0.0 | 49.125 | 2.598 | 0.0 | 41.452 | 1.629 | 0.0 | 50.124 | 2.344 | 0.0 | 56.35 | 2.128 | 0.0 | 50.035 | 2.486 | 0.0 | 40.209 | 1.606 | 0.0 | 46.443 | 2.214 |
| 54 | 11864 | 11865 | SN | 1 | 0.0 | 52.887 | 5.043 | 0.0 | 51.391 | 4.594 | 0.0 | 45.57 | 3.968 | 0.0 | 47.253 | 4.46 | 0.0 | 53.08 | 5.12 | 0.0 | 52.545 | 4.341 | 0.0 | 44.495 | 3.875 | 0.0 | 43.482 | 3.982 |
| 55 | 11864 | 11865 | NS | 1 | 0.0 | 49.363 | 1.431 | 0.0 | 42.858 | 2.066 | 0.0 | 39.9 | 1.596 | 0.0 | 41.008 | 2.362 | 0.0 | 49.663 | 1.388 | 0.0 | 43.539 | 1.881 | 0.0 | 39.717 | 1.472 | 0.0 | 41.154 | 2.074 |
| 56 | 11864 | 11865 | NS | 1 | 0.0 | 42.7 | 4.85 | 0.0 | 44.984 | 7.215 | 0.0 | 45.601 | 5.29 | 0.0 | 43.092 | 7.188 | 0.0 | 43.738 | 4.829 | 0.0 | 45.55 | 6.596 | 0.0 | 45.335 | 5.042 | 0.0 | 41.974 | 6.442 |
| 57 | 11864 | 11865 | SN | 1 | 0.0 | 43.888 | 1.229 | 0.0 | 43.067 | 1.36 | 0.0 | 42.114 | 1.023 | 0.0 | 44.012 | 1.269 | 0.0 | 44.26 | 1.266 | 0.0 | 44.775 | 1.223 | 0.0 | 44.307 | 0.981 | 0.0 | 41.432 | 1.067 |
| 58 | 11864 | 11865 | SN | 1 | 0.0 | 54.21 | 4.702 | 0.0 | 54.745 | 4.265 | 0.0 | 50.906 | 3.692 | 0.0 | 45.963 | 4.171 | 0.0 | 54.4 | 4.763 | 0.0 | 52.452 | 4.011 | 0.0 | 50.995 | 3.621 | 0.0 | 43.408 | 3.736 |
| 59 | 11864 | 11865 | SN | 1 | 0.0 | 45.213 | 1.158 | 0.0 | 40.582 | 1.25 | 0.0 | 43.941 | 0.956 | 0.0 | 42.388 | 1.188 | 0.0 | 44.359 | 1.167 | 0.0 | 41.406 | 1.143 | 0.0 | 46.406 | 0.887 | 0.0 | 42.82 | 1.019 |
| 60 | 11865 | 11866 | NS | 1 | 0.0 | 39.865 | 1.039 | 0.0 | 46.815 | 1.377 | 0.0 | 49.51 | 1.065 | 0.0 | 47.804 | 1.433 | 0.0 | 39.693 | 0.991 | 0.0 | 49.653 | 1.336 | 0.0 | 52.624 | 1.056 | 0.0 | 42.849 | 1.333 |
| 61 | 11865 | 11866 | SN | 1 | 0.0 | 51.217 | 1.204 | 0.0 | 48.276 | 1.272 | 0.0 | 44.308 | 1.041 | 0.0 | 39.764 | 1.316 | 0.0 | 52.25 | 1.177 | 0.0 | 48.069 | 1.074 | 0.0 | 43.068 | 0.984 | 0.0 | 38.178 | 1.194 |
| 62 | 11865 | 11866 | SN | 1 | 0.0 | 52.18 | 1.208 | 0.0 | 43.766 | 1.269 | 0.0 | 36.746 | 1.038 | 0.0 | 41.255 | 1.339 | 0.0 | 52.875 | 1.181 | 0.0 | 43.557 | 1.083 | 0.0 | 35.962 | 1.008 | 0.0 | 42.12 | 1.225 |
| 63 | 11865 | 11866 | SN | 1 | 0.0 | 52.717 | 4.398 | 0.0 | 51.19 | 4.479 | 0.0 | 49.92 | 3.764 | 0.0 | 53.197 | 4.256 | 0.0 | 53.438 | 4.479 | 0.0 | 54.277 | 4.102 | 0.0 | 46.673 | 3.657 | 0.0 | 49.309 | 3.679 |
| 64 | 11865 | 11866 | NS | 1 | 0.0 | 53.105 | 3.906 | 0.0 | 48.765 | 4.891 | 0.0 | 42.931 | 3.552 | 0.0 | 42.915 | 4.544 | 0.0 | 53.164 | 4.088 | 0.0 | 47.7 | 4.841 | 0.0 | 41.526 | 3.538 | 0.0 | 43.861 | 4.317 |
| 65 | 11865 | 11866 | SN | 1 | 0.0 | 56.175 | 4.388 | 0.0 | 50.83 | 4.54 | 0.0 | 50.437 | 3.82 | 0.0 | 49.657 | 4.192 | 0.0 | 56.895 | 4.459 | 0.0 | 53.915 | 4.102 | 0.0 | 48.833 | 3.643 | 0.0 | 45.767 | 3.672 |
| 66 | 11865 | 11866 | NS | 1 | 0.0 | 45.723 | 1.032 | 0.0 | 45.452 | 1.34 | 0.0 | 40.658 | 1.031 | 0.0 | 45.16 | 1.53 | 0.0 | 45.267 | 1.011 | 0.0 | 45.2 | 1.301 | 0.0 | 37.235 | 0.969 | 0.0 | 42.345 | 1.445 |
| 67 | 11866 | 11867 | SN | 1 | 0.0 | 41.735 | 1.312 | 0.0 | 40.711 | 1.55 | 0.0 | 37.461 | 1.361 | 0.0 | 40.759 | 1.791 | 0.0 | 43.616 | 1.292 | 0.0 | 42.175 | 1.464 | 0.0 | 39.806 | 1.318 | 0.0 | 44.764 | 1.557 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 11866 | 11867 | NS | 1 | 0.0 | 47.747 | 3.322 | 0.0 | 47.324 | 5.064 | 0.0 | 46.494 | 3.476 | 0.0 | 44.331 | 5.134 | 0.0 | 47.932 | 3.241 | 0.0 | 48.534 | 4.699 | 0.0 | 45.387 | 3.178 | 0.0 | 43.293 | 4.124 |
| 69 | 11866 | 11867 | NS | 1 | 0.0 | 47.747 | 3.322 | 0.0 | 47.324 | 5.064 | 0.0 | 46.494 | 3.469 | 0.0 | 44.331 | 5.141 | 0.0 | 47.932 | 3.23 | 0.0 | 48.534 | 4.699 | 0.0 | 45.387 | 3.178 | 0.0 | 43.293 | 4.117 |
| 70 | 11866 | 11867 | SN | 1 | 0.0 | 41.735 | 1.312 | 0.0 | 40.711 | 1.55 | 0.0 | 37.461 | 1.361 | 0.0 | 40.759 | 1.791 | 0.0 | 43.616 | 1.292 | 0.0 | 42.175 | 1.464 | 0.0 | 39.806 | 1.318 | 0.0 | 44.764 | 1.557 |
| 71 | 11866 | 11867 | NS | 1 | 0.0 | 49.547 | 0.893 | 0.0 | 42.778 | 1.474 | 0.0 | 40.073 | 1.143 | 0.0 | 49.824 | 1.589 | 0.0 | 49.804 | 0.881 | 0.0 | 42.519 | 1.31 | 0.0 | 39.243 | 1.051 | 0.0 | 44.971 | 1.225 |
| 72 | 11866 | 11867 | NS | 1 | 0.0 | 49.547 | 0.895 | 0.0 | 42.778 | 1.474 | 0.0 | 40.073 | 1.136 | 0.0 | 49.824 | 1.578 | 0.0 | 49.804 | 0.879 | 0.0 | 42.519 | 1.31 | 0.0 | 39.243 | 1.051 | 0.0 | 44.971 | 1.222 |
| 73 | 11866 | 11867 | SN | 1 | 0.0 | 48.789 | 4.499 | 0.0 | 45.217 | 5.228 | 0.0 | 46.863 | 4.588 | 0.0 | 46.166 | 4.975 | 0.0 | 48.65 | 4.661 | 0.0 | 45.819 | 5.086 | 0.0 | 44.163 | 4.403 | 0.0 | 44.755 | 4.69 |
| 74 | 11866 | 11867 | SN | 1 | 0.0 | 48.789 | 4.499 | 0.0 | 45.217 | 5.228 | 0.0 | 46.863 | 4.588 | 0.0 | 46.166 | 4.975 | 0.0 | 48.65 | 4.661 | 0.0 | 45.819 | 5.086 | 0.0 | 44.163 | 4.403 | 0.0 | 44.755 | 4.69 |
| 75 | 11867 | 11868 | SN | 1 | 0.0 | 56.397 | 5.171 | 0.0 | 48.104 | 5.504 | 0.0 | 43.217 | 4.75 | 0.0 | 44.971 | 5.788 | 0.0 | 56.271 | 5.192 | 0.0 | 46.024 | 5.381 | 0.0 | 43.419 | 4.729 | 0.0 | 47.54 | 5.375 |
| 76 | 11867 | 11868 | NS | 1 | 0.0 | 42.498 | 0.958 | 0.0 | 41.61 | 1.403 | 0.0 | 37.892 | 1.058 | 0.0 | 44.08 | 1.461 | 0.0 | 41.875 | 0.98 | 0.0 | 43.851 | 1.302 | 0.0 | 36.881 | 1.023 | 0.0 | 39.448 | 1.268 |
| 77 | 11867 | 11868 | NS | 1 | 0.0 | 52.646 | 3.775 | 0.0 | 46.976 | 4.985 | 0.0 | 41.251 | 3.539 | 0.0 | 47.378 | 4.396 | 0.0 | 51.538 | 3.745 | 0.0 | 48.035 | 4.711 | 0.0 | 44.814 | 3.283 | 0.0 | 42.741 | 3.983 |
| 78 | 11867 | 11868 | SN | 1 | 0.0 | 43.519 | 1.43 | 0.0 | 41.283 | 1.538 | 0.0 | 45.154 | 1.463 | 0.0 | 41.777 | 1.925 | 0.0 | 43.856 | 1.394 | 0.0 | 41.935 | 1.486 | 0.0 | 44.259 | 1.428 | 0.0 | 38.602 | 1.678 |
| 79 | 11867 | 11868 | NS | 1 | 0.0 | 52.646 | 3.715 | 0.0 | 46.976 | 5.056 | 0.0 | 41.251 | 3.539 | 0.0 | 47.378 | 4.425 | 0.0 | 51.538 | 3.664 | 0.0 | 48.035 | 4.68 | 0.0 | 44.814 | 3.241 | 0.0 | 43.186 | 3.983 |
| 80 | 11867 | 11868 | NS | 1 | 0.0 | 41.062 | 0.969 | 0.0 | 39.854 | 1.446 | 0.0 | 35.88 | 1.053 | 0.0 | 44.08 | 1.472 | 0.0 | 39.787 | 0.985 | 0.0 | 41.086 | 1.313 | 0.0 | 35.536 | 1.037 | 0.0 | 39.448 | 1.277 |
| 81 | 11868 | 11869 | NS | 1 | 0.0 | 46.362 | 0.786 | 0.0 | 37.179 | 1.121 | 0.0 | 37.897 | 0.911 | 0.0 | 41.017 | 1.384 | 0.0 | 46.54 | 0.757 | 0.0 | 39.16 | 1.087 | 0.0 | 36.515 | 0.855 | 0.0 | 35.316 | 1.231 |
| 82 | 11868 | 11869 | NS | 1 | 0.0 | 48.3 | 2.571 | 0.0 | 52.564 | 3.343 | 0.0 | 38.588 | 2.837 | 0.0 | 46.197 | 3.657 | 0.0 | 50.76 | 2.51 | 0.0 | 49.7 | 3.333 | 0.0 | 36.588 | 2.901 | 0.0 | 42.686 | 3.55 |
| 83 | 11868 | 11869 | NS | 1 | 0.0 | 46.362 | 0.783 | 0.0 | 37.179 | 1.14 | 0.0 | 36.571 | 0.93 | 0.0 | 41.017 | 1.42 | 0.0 | 46.54 | 0.767 | 0.0 | 39.16 | 1.112 | 0.0 | 36.353 | 0.881 | 0.0 | 37.002 | 1.255 |
| 84 | 11868 | 11869 | NS | 1 | 0.0 | 48.3 | 2.49 | 0.0 | 52.564 | 3.313 | 0.0 | 38.209 | 2.886 | 0.0 | 46.197 | 3.672 | 0.0 | 50.76 | 2.48 | 0.0 | 49.7 | 3.333 | 0.0 | 36.237 | 2.893 | 0.0 | 42.686 | 3.522 |
| 85 | 11868 | 11869 | SN | 1 | 0.0 | 47.352 | 1.151 | 0.0 | 45.991 | 1.263 | 0.0 | 40.275 | 0.975 | 0.0 | 46.023 | 1.363 | 0.0 | 47.624 | 1.158 | 0.0 | 45.5 | 1.136 | 0.0 | 40.769 | 0.892 | 0.0 | 44.472 | 1.128 |
| 86 | 11868 | 11869 | NS | 1 | 0.0 | 48.3 | 2.51 | 0.0 | 52.564 | 3.374 | 0.0 | 36.726 | 3.019 | 0.0 | 46.197 | 3.736 | 0.0 | 50.76 | 2.5 | 0.0 | 49.7 | 3.385 | 0.0 | 35.313 | 2.962 | 0.0 | 42.686 | 3.577 |
| 87 | 11868 | 11869 | SN | 1 | 0.0 | 50.333 | 4.691 | 0.0 | 48.811 | 5.014 | 0.0 | 47.464 | 3.741 | 0.0 | 45.089 | 4.74 | 0.0 | 51.41 | 4.752 | 0.0 | 48.487 | 4.526 | 0.0 | 48.603 | 3.457 | 0.0 | 43.989 | 4.084 |
| 88 | 11868 | 11869 | NS | 1 | 0.0 | 46.362 | 0.789 | 0.0 | 37.179 | 1.114 | 0.0 | 36.571 | 0.924 | 0.0 | 41.017 | 1.38 | 0.0 | 46.54 | 0.764 | 0.0 | 39.16 | 1.087 | 0.0 | 36.344 | 0.862 | 0.0 | 39.906 | 1.224 |
| 89 | 11869 | 11870 | SN | 1 | 0.0 | 49.589 | 5.128 | 0.0 | 52.148 | 6.652 | 0.0 | 48.881 | 4.161 | 0.0 | 52.541 | 5.51 | 0.0 | 50.873 | 5.027 | 0.0 | 50.236 | 6.429 | 0.0 | 49.058 | 4.04 | 0.0 | 51.849 | 5.382 |
| 90 | 11869 | 11870 | NS | 1 | 0.0 | 44.004 | 2.601 | 0.0 | 42.055 | 3.298 | 0.0 | 38.664 | 3.008 | 0.0 | 42.595 | 4.301 | 0.0 | 44.466 | 2.58 | 0.0 | 42.369 | 3.026 | 0.0 | 40.222 | 2.905 | 0.0 | 43.12 | 3.758 |
| 91 | 11869 | 11870 | NS | 1 | 0.0 | 44.004 | 2.561 | 0.0 | 42.055 | 3.188 | 0.0 | 38.664 | 2.936 | 0.0 | 42.595 | 4.168 | 0.0 | 44.466 | 2.52 | 0.0 | 42.369 | 2.873 | 0.0 | 40.222 | 2.858 | 0.0 | 43.12 | 3.642 |
| 92 | 11869 | 11870 | NS | 1 | 0.0 | 36.273 | 0.767 | 0.0 | 40.208 | 1.03 | 0.0 | 34.036 | 1.012 | 0.0 | 36.95 | 1.535 | 0.0 | 35.513 | 0.749 | 0.0 | 40.181 | 0.897 | 0.0 | 34.347 | 0.988 | 0.0 | 36.732 | 1.297 |
| 93 | 11869 | 11870 | SN | 1 | 0.0 | 47.658 | 1.226 | 0.0 | 49.962 | 1.835 | 0.0 | 44.629 | 1.171 | 0.0 | 40.966 | 1.813 | 0.0 | 49.195 | 1.221 | 0.0 | 47.922 | 1.788 | 0.0 | 44.176 | 1.133 | 0.0 | 42.249 | 1.64 |
| 94 | 11869 | 11870 | NS | 1 | 0.0 | 36.273 | 0.762 | 0.0 | 40.208 | 0.996 | 0.0 | 34.036 | 0.989 | 0.0 | 36.95 | 1.49 | 0.0 | 35.513 | 0.739 | 0.0 | 40.181 | 0.865 | 0.0 | 34.347 | 0.962 | 0.0 | 36.732 | 1.252 |
| 95 | 11869 | 11870 | SN | 1 | 0.0 | 49.589 | 5.128 | 0.0 | 52.148 | 6.652 | 0.0 | 48.881 | 4.161 | 0.0 | 52.541 | 5.51 | 0.0 | 50.873 | 5.027 | 0.0 | 50.236 | 6.429 | 0.0 | 49.058 | 4.04 | 0.0 | 51.849 | 5.382 |
| 96 | 11869 | 11870 | NS | 1 | 0.0 | 44.004 | 2.52 | 0.0 | 42.055 | 3.188 | 0.0 | 43.316 | 3.014 | 0.0 | 42.745 | 4.225 | 0.0 | 44.887 | 2.49 | 0.0 | 42.369 | 2.863 | 0.0 | 43.778 | 2.922 | 0.0 | 43.257 | 3.642 |
| 97 | 11869 | 11870 | SN | 1 | 0.0 | 47.658 | 1.226 | 0.0 | 49.962 | 1.835 | 0.0 | 44.629 | 1.171 | 0.0 | 40.966 | 1.813 | 0.0 | 49.195 | 1.221 | 0.0 | 47.922 | 1.788 | 0.0 | 44.176 | 1.133 | 0.0 | 42.249 | 1.64 |
| 98 | 11869 | 11870 | NS | 1 | 0.0 | 36.508 | 0.759 | 0.0 | 39.572 | 0.978 | 0.0 | 34.653 | 0.998 | 0.0 | 36.809 | 1.502 | 0.0 | 35.748 | 0.746 | 0.0 | 39.324 | 0.858 | 0.0 | 35.609 | 0.97 | 0.0 | 34.374 | 1.25 |
| 99 | 11870 | 11871 | NS | 1 | 0.0 | 42.949 | 0.805 | 0.0 | 41.583 | 1.302 | 0.0 | 40.2 | 1.153 | 0.0 | 40.121 | 1.361 | 0.0 | 42.615 | 0.781 | 0.0 | 42.814 | 1.149 | 0.0 | 39.482 | 1.014 | 0.0 | 41.228 | 1.112 |
| 100 | 11870 | 11871 | NS | 1 | 0.0 | 46.613 | 2.994 | 0.0 | 39.331 | 3.836 | 0.0 | 43.579 | 3.339 | 0.0 | 42.626 | 4.017 | 0.0 | 46.197 | 2.944 | 0.0 | 39.363 | 3.491 | 0.0 | 42.82 | 3.02 | 0.0 | 46.168 | 3.348 |
| 101 | 11870 | 11871 | SN | 1 | 0.0 | 47.168 | 4.838 | 0.0 | 46.223 | 5.579 | 0.0 | 43.254 | 4.418 | 0.0 | 44.34 | 5.845 | 0.0 | 47.658 | 4.899 | 0.0 | 46.427 | 5.457 | 0.0 | 41.392 | 4.269 | 0.0 | 42.976 | 5.653 |
| 102 | 11870 | 11871 | SN | 1 | 0.0 | 47.168 | 4.838 | 0.0 | 46.223 | 5.579 | 0.0 | 43.254 | 4.418 | 0.0 | 44.34 | 5.845 | 0.0 | 47.658 | 4.899 | 0.0 | 46.427 | 5.457 | 0.0 | 41.392 | 4.269 | 0.0 | 42.976 | 5.653 |
| 103 | 11870 | 11871 | NS | 1 | 0.0 | 46.613 | 3.181 | 0.0 | 39.331 | 4.074 | 0.0 | 43.579 | 3.563 | 0.0 | 42.626 | 4.307 | 0.0 | 46.197 | 3.127 | 0.0 | 39.363 | 3.747 | 0.0 | 42.82 | 3.251 | 0.0 | 46.168 | 3.597 |

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

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|-----|-------|-------|----|---|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 11870 | 11871 | NS | 1 | 0.0 | 46.613 | 2.994 | 0.0 | 39.332 | 3.836 | 0.0 | 43.398 | 3.339 | 0.0 | 42.626 | 3.974 | 0.0 | 46.197 | 2.933 | 0.0 | 39.359 | 3.48 | 0.0 | 42.82 | 3.049 | 0.0 | 46.168 | 3.292 |
| 105 | 11870 | 11871 | SN | 1 | 0.0 | 45.067 | 1.234 | 0.0 | 44.232 | 1.703 | 0.0 | 39.786 | 1.393 | 0.0 | 41.911 | 2.032 | 0.0 | 45.508 | 1.256 | 0.0 | 44.126 | 1.583 | 0.0 | 38.267 | 1.291 | 0.0 | 44.218 | 1.909 |
| 106 | 11870 | 11871 | NS | 1 | 0.0 | 40.552 | 0.746 | 0.0 | 41.583 | 1.22 | 0.0 | 40.007 | 1.079 | 0.0 | 40.121 | 1.271 | 0.0 | 40.312 | 0.725 | 0.0 | 42.623 | 1.071 | 0.0 | 39.482 | 0.955 | 0.0 | 41.228 | 1.029 |
| 107 | 11870 | 11871 | NS | 1 | 0.0 | 42.949 | 0.748 | 0.0 | 41.583 | 1.218 | 0.0 | 40.2 | 1.081 | 0.0 | 40.121 | 1.271 | 0.0 | 42.615 | 0.725 | 0.0 | 42.814 | 1.073 | 0.0 | 39.482 | 0.95 | 0.0 | 41.228 | 1.034 |
| 108 | 11870 | 11871 | SN | 1 | 0.0 | 45.067 | 1.234 | 0.0 | 44.232 | 1.703 | 0.0 | 39.786 | 1.393 | 0.0 | 41.911 | 2.032 | 0.0 | 45.508 | 1.256 | 0.0 | 44.126 | 1.583 | 0.0 | 38.267 | 1.291 | 0.0 | 44.218 | 1.909 |
| 109 | 11871 | 11872 | NS | 1 | 0.0 | 46.285 | 1.679 | 0.0 | 48.639 | 2.481 | 0.0 | 46.026 | 1.667 | 0.0 | 40.231 | 2.11 | 0.0 | 46.851 | 1.724 | 0.0 | 48.82 | 2.399 | 0.0 | 47.195 | 1.637 | 0.0 | 40.486 | 1.915 |
| 110 | 11871 | 11872 | SN | 1 | 0.0 | 37.621 | 3.331 | 0.0 | 47.047 | 4.408 | 0.0 | 39.776 | 3.6 | 0.0 | 38.44 | 5.283 | 0.0 | 37.898 | 3.351 | 0.0 | 47.877 | 4.082 | 0.0 | 37.625 | 3.657 | 0.0 | 36.758 | 4.955 |
| 111 | 11871 | 11872 | NS | 1 | 0.0 | 59.321 | 5.66 | 0.0 | 53.59 | 7.454 | 0.0 | 43.095 | 5.553 | 0.0 | 47.86 | 6.817 | 0.0 | 59.08 | 5.568 | 0.0 | 52.381 | 7.393 | 0.0 | 41.545 | 5.525 | 0.0 | 46.649 | 6.581 |
| 112 | 11871 | 11872 | SN | 1 | 0.0 | 36.743 | 0.885 | 0.0 | 45.103 | 1.401 | 0.0 | 34.927 | 1.335 | 0.0 | 37.798 | 1.802 | 0.0 | 35.947 | 0.901 | 0.0 | 42.68 | 1.31 | 0.0 | 33.561 | 1.242 | 0.0 | 38.942 | 1.615 |
| 113 | 11871 | 11872 | SN | 1 | 0.0 | 36.166 | 0.851 | 0.0 | 43.291 | 1.408 | 0.0 | 34.927 | 1.303 | 0.0 | 37.044 | 1.777 | 0.0 | 35.522 | 0.88 | 0.0 | 40.866 | 1.324 | 0.0 | 35.858 | 1.244 | 0.0 | 38.95 | 1.572 |
| 114 | 11871 | 11872 | NS | 1 | 0.0 | 59.321 | 6.193 | 0.0 | 53.59 | 8.399 | 0.0 | 43.095 | 5.898 | 0.0 | 47.86 | 7.64 | 0.0 | 59.08 | 6.136 | 0.0 | 52.381 | 8.341 | 0.0 | 42.044 | 5.914 | 0.0 | 46.649 | 7.364 |
| 115 | 11871 | 11872 | SN | 1 | 0.0 | 37.623 | 3.684 | 0.0 | 47.009 | 4.881 | 0.0 | 43.277 | 3.942 | 0.0 | 37.131 | 5.765 | 0.0 | 37.9 | 3.74 | 0.0 | 47.839 | 4.491 | 0.0 | 40.908 | 4.044 | 0.0 | 35.978 | 5.491 |
| 116 | 11871 | 11872 | SN | 1 | 0.0 | 36.743 | 0.968 | 0.0 | 45.103 | 1.525 | 0.0 | 34.927 | 1.455 | 0.0 | 37.798 | 1.959 | 0.0 | 35.947 | 0.985 | 0.0 | 42.68 | 1.436 | 0.0 | 33.561 | 1.353 | 0.0 | 38.942 | 1.762 |
| 117 | 11871 | 11872 | NS | 1 | 0.0 | 46.285 | 1.846 | 0.0 | 48.639 | 2.795 | 0.0 | 43.981 | 1.779 | 0.0 | 40.231 | 2.37 | 0.0 | 46.851 | 1.898 | 0.0 | 48.82 | 2.7 | 0.0 | 42.56 | 1.755 | 0.0 | 40.486 | 2.125 |
| 118 | 11871 | 11872 | NS | 1 | 0.0 | 59.321 | 5.66 | 0.0 | 53.59 | 7.454 | 0.0 | 43.095 | 5.553 | 0.0 | 47.86 | 6.817 | 0.0 | 59.08 | 5.568 | 0.0 | 52.381 | 7.393 | 0.0 | 41.312 | 5.525 | 0.0 | 46.649 | 6.581 |
| 119 | 11871 | 11872 | NS | 1 | 0.0 | 46.285 | 1.679 | 0.0 | 48.639 | 2.484 | 0.0 | 45.559 | 1.669 | 0.0 | 40.231 | 2.118 | 0.0 | 46.851 | 1.724 | 0.0 | 48.82 | 2.402 | 0.0 | 46.683 | 1.638 | 0.0 | 40.486 | 1.919 |
| 120 | 11871 | 11872 | SN | 1 | 0.0 | 37.623 | 3.361 | 0.0 | 47.009 | 4.469 | 0.0 | 43.277 | 3.635 | 0.0 | 37.131 | 5.333 | 0.0 | 37.9 | 3.402 | 0.0 | 47.839 | 4.102 | 0.0 | 40.908 | 3.692 | 0.0 | 35.978 | 5.069 |
| 121 | 11872 | 11873 | NS | 1 | 0.0 | 55.752 | 5.346 | 0.0 | 52.897 | 6.354 | 0.0 | 51.625 | 5.837 | 0.0 | 50.107 | 6.215 | 0.0 | 57.203 | 5.377 | 0.0 | 51.97 | 6.029 | 0.0 | 50.763 | 5.632 | 0.0 | 53.265 | 5.632 |
| 122 | 11872 | 11873 | SN | 1 | 0.0 | 38.754 | 1.2 | 0.0 | 41.718 | 1.519 | 0.0 | 41.868 | 1.109 | 0.0 | 44.704 | 1.528 | 0.0 | 38.924 | 1.276 | 0.0 | 41.159 | 1.405 | 0.0 | 45.233 | 1.144 | 0.0 | 46.55 | 1.455 |
| 123 | 11872 | 11873 | NS | 1 | 0.0 | 51.851 | 1.731 | 0.0 | 48.597 | 1.98 | 0.0 | 46.128 | 1.478 | 0.0 | 49.212 | 1.776 | 0.0 | 50.367 | 1.74 | 0.0 | 46.886 | 1.842 | 0.0 | 44.456 | 1.361 | 0.0 | 45.031 | 1.558 |
| 124 | 11872 | 11873 | NS | 1 | 0.0 | 53.423 | 1.663 | 0.0 | 49.786 | 2.071 | 0.0 | 47.054 | 1.552 | 0.0 | 52.12 | 1.786 | 0.0 | 53.297 | 1.672 | 0.0 | 48.223 | 1.836 | 0.0 | 49.498 | 1.488 | 0.0 | 52.504 | 1.523 |
| 125 | 11872 | 11873 | SN | 1 | 0.0 | 38.754 | 1.2 | 0.0 | 41.718 | 1.519 | 0.0 | 41.868 | 1.109 | 0.0 | 44.704 | 1.528 | 0.0 | 38.924 | 1.276 | 0.0 | 41.159 | 1.405 | 0.0 | 45.233 | 1.144 | 0.0 | 46.55 | 1.455 |
| 126 | 11872 | 11873 | SN | 1 | 0.0 | 38.754 | 1.141 | 0.0 | 41.718 | 1.444 | 0.0 | 41.868 | 1.054 | 0.0 | 44.704 | 1.457 | 0.0 | 38.924 | 1.214 | 0.0 | 41.159 | 1.336 | 0.0 | 45.233 | 1.088 | 0.0 | 46.55 | 1.386 |
| 127 | 11872 | 11873 | SN | 1 | 0.0 | 49.045 | 4.735 | 0.0 | 45.913 | 5.274 | 0.0 | 44.442 | 3.855 | 0.0 | 44.068 | 4.84 | 0.0 | 50.177 | 4.842 | 0.0 | 46.924 | 5.135 | 0.0 | 42.599 | 3.63 | 0.0 | 41.88 | 4.885 |
| 128 | 11872 | 11873 | SN | 1 | 0.0 | 42.849 | 1.16 | 0.0 | 41.718 | 1.447 | 0.0 | 41.857 | 1.043 | 0.0 | 44.337 | 1.476 | 0.0 | 44.574 | 1.23 | 0.0 | 41.159 | 1.354 | 0.0 | 45.223 | 1.086 | 0.0 | 46.179 | 1.395 |
| 129 | 11872 | 11873 | SN | 1 | 0.0 | 49.045 | 4.495 | 0.0 | 45.913 | 5.029 | 0.0 | 44.442 | 3.686 | 0.0 | 44.068 | 4.64 | 0.0 | 50.177 | 4.596 | 0.0 | 46.924 | 4.886 | 0.0 | 42.599 | 3.451 | 0.0 | 41.88 | 4.683 |
| 130 | 11872 | 11873 | NS | 1 | 0.0 | 55.146 | 5.511 | 0.0 | 47.658 | 6.383 | 0.0 | 48.884 | 5.371 | 0.0 | 50.723 | 5.965 | 0.0 | 55.151 | 5.662 | 0.0 | 45.76 | 5.937 | 0.0 | 49.44 | 5.328 | 0.0 | 52.8 | 5.424 |
| 131 | 11872 | 11873 | SN | 1 | 0.0 | 49.267 | 4.475 | 0.0 | 45.913 | 5.039 | 0.0 | 44.541 | 3.672 | 0.0 | 44.011 | 4.626 | 0.0 | 50.401 | 4.627 | 0.0 | 46.924 | 4.907 | 0.0 | 42.599 | 3.423 | 0.0 | 41.88 | 4.64 |
| 132 | 11872 | 11873 | SN | 1 | 0.0 | 49.045 | 4.735 | 0.0 | 45.913 | 5.274 | 0.0 | 44.442 | 3.855 | 0.0 | 44.068 | 4.84 | 0.0 | 50.177 | 4.842 | 0.0 | 46.924 | 5.135 | 0.0 | 42.599 | 3.63 | 0.0 | 41.88 | 4.885 |
| 133 | 11873 | 11874 | SN | 1 | 0.0 | 41.297 | 1.005 | 0.0 | 45.132 | 1.516 | 0.0 | 47.448 | 1.146 | 0.0 | 44.571 | 1.484 | 0.0 | 41.256 | 1.018 | 0.0 | 44.909 | 1.412 | 0.0 | 44.563 | 1.109 | 0.0 | 42.341 | 1.357 |
| 134 | 11873 | 11874 | SN | 1 | 0.0 | 55.304 | 4.322 | 0.628 | 45.893 | 4.859 | 0.0 | 49.032 | 3.775 | 0.0 | 43.783 | 4.927 | 0.0 | 55.499 | 4.364 | 0.089 | 48.996 | 4.755 | 0.0 | 48.095 | 3.941 | 0.0 | 45.937 | 4.57 |
| 135 | 11873 | 11874 | SN | 1 | 0.0 | 55.304 | 4.256 | 0.628 | 45.893 | 4.795 | 0.0 | 49.032 | 3.707 | 0.0 | 43.783 | 4.857 | 0.0 | 55.499 | 4.296 | 0.089 | 48.996 | 4.683 | 0.0 | 48.095 | 3.878 | 0.0 | 45.937 | 4.499 |
| 136 | 11873 | 11874 | SN | 1 | 0.0 | 55.304 | 4.256 | 0.628 | 45.893 | 4.795 | 0.0 | 49.032 | 3.707 | 0.0 | 43.783 | 4.857 | 0.0 | 55.499 | 4.296 | 0.089 | 48.996 | 4.683 | 0.0 | 48.095 | 3.878 | 0.0 | 45.937 | 4.499 |
| 137 | 11873 | 11874 | SN | 1 | 0.0 | 41.297 | 1.005 | 0.0 | 45.132 | 1.516 | 0.0 | 47.448 | 1.146 | 0.0 | 44.571 | 1.484 | 0.0 | 41.256 | 1.018 | 0.0 | 44.909 | 1.412 | 0.0 | 44.563 | 1.107 | 0.0 | 42.341 | 1.357 |
| 138 | 11873 | 11874 | NS | 1 | 0.0 | 44.725 | 1.583 | 0.0 | 52.587 | 2.283 | 0.0 | 45.671 | 1.566 | 0.0 | 40.146 | 2.194 | 0.0 | 44.587 | 1.565 | 0.0 | 54.873 | 2.179 | 0.0 | 44.935 | 1.536 | 0.0 | 37.398 | 1.968 |
| 139 | 11873 | 11874 | NS | 1 | 0.0 | 45.465 | 1.578 | 0.0 | 52.587 | 2.28 | 0.0 | 42.867 | 1.565 | 0.0 | 40.146 | 2.194 | 0.0 | 45.011 | 1.553 | 0.0 | 54.873 | 2.179 | 0.0 | 39.709 | 1.542 | 0.0 | 37.398 | 1.972 |

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

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|-----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 140 | 11873 | 11874 | NS | 1 | 0.0 | 49.722 | 6.237 | 0.0 | 57.098 | 7.868 | 0.0 | 47.839 | 5.402 | 0.0 | 45.654 | 6.638 | 0.0 | 49.341 | 6.105 | 0.0 | 55.818 | 7.706 | 0.0 | 48.296 | 5.466 | 0.0 | 42.57 | 6.361 |
| 141 | 11873 | 11874 | NS | 1 | 0.0 | 49.722 | 6.237 | 0.0 | 57.098 | 7.868 | 0.0 | 47.839 | 5.423 | 0.0 | 45.654 | 6.638 | 0.0 | 49.341 | 6.125 | 0.0 | 55.818 | 7.695 | 0.0 | 48.296 | 5.444 | 0.0 | 42.57 | 6.361 |
| 142 | 11873 | 11874 | SN | 1 | 0.0 | 41.297 | 1.021 | 0.0 | 45.132 | 1.54 | 0.0 | 47.448 | 1.166 | 0.0 | 44.571 | 1.507 | 0.0 | 41.256 | 1.035 | 0.0 | 44.909 | 1.434 | 0.0 | 44.563 | 1.13 | 0.0 | 42.341 | 1.38 |
| 143 | 11874 | 11875 | SN | 1 | 0.0 | 48.149 | 4.106 | 0.0 | 42.106 | 4.894 | 0.0 | 41.661 | 3.592 | 0.0 | 42.352 | 4.585 | 0.0 | 47.707 | 4.189 | 0.0 | 44.047 | 4.884 | 0.0 | 42.481 | 3.628 | 0.0 | 38.999 | 4.513 |
| 144 | 11874 | 11875 | SN | 1 | 0.0 | 51.583 | 1.106 | 0.0 | 41.472 | 1.498 | 0.0 | 41.613 | 1.167 | 0.0 | 38.856 | 1.575 | 0.0 | 51.736 | 1.079 | 0.0 | 39.062 | 1.455 | 0.0 | 40.945 | 1.197 | 0.0 | 38.714 | 1.525 |
| 145 | 11874 | 11875 | NS | 1 | 0.0 | 46.029 | 1.048 | 0.0 | 43.263 | 1.692 | 0.0 | 45.103 | 1.228 | 0.0 | 50.05 | 1.884 | 0.0 | 47.869 | 1.093 | 0.0 | 45.213 | 1.647 | 0.0 | 41.448 | 1.223 | 0.0 | 46.555 | 1.786 |
| 146 | 11874 | 11875 | NS | 1 | 0.0 | 45.692 | 1.068 | 0.0 | 45.606 | 1.64 | 0.0 | 39.261 | 1.21 | 0.0 | 38.454 | 1.887 | 0.0 | 46.553 | 1.091 | 0.0 | 49.504 | 1.601 | 0.0 | 39.966 | 1.196 | 0.0 | 41.929 | 1.804 |
| 147 | 11874 | 11875 | NS | 1 | 0.0 | 48.149 | 3.391 | 0.0 | 52.355 | 5.492 | 0.0 | 42.741 | 3.929 | 0.0 | 48.607 | 5.648 | 0.0 | 48.0 | 3.532 | 0.0 | 51.433 | 5.32 | 0.0 | 41.189 | 3.936 | 0.0 | 45.789 | 5.413 |
| 148 | 11874 | 11875 | SN | 1 | 0.0 | 51.583 | 1.122 | 0.0 | 41.472 | 1.519 | 0.0 | 41.613 | 1.184 | 0.0 | 38.856 | 1.595 | 0.0 | 51.736 | 1.094 | 0.0 | 39.062 | 1.476 | 0.0 | 40.945 | 1.214 | 0.0 | 38.714 | 1.545 |
| 149 | 11874 | 11875 | SN | 1 | 0.0 | 51.583 | 1.122 | 0.0 | 41.472 | 1.518 | 0.0 | 41.613 | 1.184 | 0.0 | 38.856 | 1.593 | 0.0 | 51.736 | 1.094 | 0.0 | 39.062 | 1.474 | 0.0 | 40.945 | 1.214 | 0.0 | 38.714 | 1.543 |
| 150 | 11874 | 11875 | NS | 1 | 0.0 | 48.567 | 3.512 | 0.0 | 51.964 | 5.472 | 0.0 | 42.895 | 3.971 | 0.0 | 47.808 | 5.684 | 0.0 | 48.194 | 3.593 | 0.0 | 51.041 | 5.36 | 0.0 | 41.367 | 4.021 | 0.0 | 49.475 | 5.442 |
| 151 | 11874 | 11875 | SN | 1 | 0.0 | 48.149 | 4.106 | 0.0 | 42.106 | 4.894 | 0.0 | 41.661 | 3.592 | 0.0 | 42.352 | 4.585 | 0.0 | 47.707 | 4.189 | 0.0 | 44.047 | 4.884 | 0.0 | 42.481 | 3.628 | 0.0 | 38.999 | 4.513 |
| 152 | 11874 | 11875 | SN | 1 | 0.0 | 48.149 | 4.052 | 0.0 | 42.106 | 4.832 | 0.0 | 41.661 | 3.549 | 0.0 | 42.352 | 4.541 | 0.0 | 47.707 | 4.133 | 0.0 | 44.047 | 4.821 | 0.0 | 42.481 | 3.585 | 0.0 | 38.999 | 4.462 |
| 153 | 11875 | 11876 | NS | 1 | 0.0 | 50.308 | 3.36 | 0.0 | 55.904 | 5.117 | 0.0 | 44.0 | 3.319 | 0.0 | 47.242 | 4.546 | 0.0 | 49.744 | 3.431 | 0.0 | 54.15 | 4.812 | 0.0 | 43.807 | 3.333 | 0.0 | 45.118 | 4.197 |
| 154 | 11875 | 11876 | SN | 1 | 0.0 | 47.807 | 0.899 | 0.0 | 43.707 | 1.249 | 0.0 | 36.209 | 1.053 | 0.0 | 44.164 | 1.709 | 0.0 | 46.611 | 0.913 | 0.0 | 42.78 | 1.192 | 0.0 | 35.945 | 1.06 | 0.0 | 40.406 | 1.584 |
| 155 | 11875 | 11876 | SN | 1 | 0.0 | 45.281 | 3.424 | 0.0 | 48.392 | 4.081 | 0.0 | 42.3 | 3.48 | 0.0 | 42.889 | 5.008 | 0.0 | 46.395 | 3.559 | 0.0 | 50.501 | 3.905 | 0.0 | 40.418 | 3.422 | 0.0 | 40.088 | 4.834 |
| 156 | 11875 | 11876 | NS | 1 | 0.0 | 44.349 | 0.73 | 0.0 | 50.497 | 1.419 | 0.0 | 37.603 | 1.049 | 0.0 | 40.437 | 1.518 | 0.0 | 43.94 | 0.723 | 0.0 | 47.094 | 1.31 | 0.0 | 39.69 | 1.028 | 0.0 | 37.313 | 1.375 |
| 157 | 11875 | 11876 | NS | 1 | 0.0 | 41.2 | 0.725 | 0.0 | 48.458 | 1.407 | 0.0 | 37.085 | 1.039 | 0.0 | 38.226 | 1.522 | 0.0 | 40.541 | 0.734 | 0.0 | 45.052 | 1.326 | 0.0 | 39.172 | 1.0 | 0.0 | 36.952 | 1.392 |
| 158 | 11875 | 11876 | SN | 1 | 0.0 | 45.281 | 3.357 | 0.0 | 48.392 | 4.039 | 0.0 | 42.3 | 3.405 | 0.0 | 42.889 | 4.933 | 0.0 | 46.395 | 3.499 | 0.0 | 50.501 | 3.825 | 0.0 | 42.358 | 3.362 | 0.0 | 40.088 | 4.762 |
| 159 | 11875 | 11876 | SN | 1 | 0.0 | 47.807 | 0.899 | 0.0 | 43.707 | 1.249 | 0.0 | 36.209 | 1.053 | 0.0 | 44.164 | 1.709 | 0.0 | 46.611 | 0.913 | 0.0 | 42.78 | 1.192 | 0.0 | 35.945 | 1.06 | 0.0 | 40.406 | 1.584 |
| 160 | 11875 | 11876 | SN | 1 | 0.0 | 45.281 | 3.357 | 0.0 | 48.392 | 4.039 | 0.0 | 42.3 | 3.405 | 0.0 | 42.889 | 4.933 | 0.0 | 46.395 | 3.499 | 0.0 | 50.501 | 3.825 | 0.0 | 42.358 | 3.362 | 0.0 | 40.088 | 4.762 |
| 161 | 11875 | 11876 | SN | 1 | 0.0 | 47.807 | 0.919 | 0.0 | 43.707 | 1.262 | 0.0 | 39.523 | 1.075 | 0.0 | 44.164 | 1.742 | 0.0 | 46.611 | 0.935 | 0.0 | 42.78 | 1.211 | 0.0 | 39.607 | 1.081 | 0.0 | 40.406 | 1.609 |
| 162 | 11875 | 11876 | NS | 1 | 0.0 | 52.089 | 3.411 | 0.0 | 48.992 | 5.137 | 0.0 | 44.642 | 3.29 | 0.0 | 49.561 | 4.581 | 0.0 | 51.527 | 3.431 | 0.0 | 49.694 | 4.843 | 0.0 | 46.008 | 3.248 | 0.0 | 45.615 | 4.211 |
| 163 | 11876 | 11877 | NS | 1 | 0.0 | 50.242 | 2.562 | 0.0 | 54.332 | 3.034 | 0.0 | 40.137 | 2.504 | 0.0 | 50.03 | 3.668 | 0.0 | 50.936 | 2.612 | 0.0 | 54.13 | 2.77 | 0.0 | 40.892 | 2.39 | 0.0 | 50.624 | 3.0 |
| 164 | 11876 | 11877 | SN | 1 | 0.0 | 46.531 | 3.026 | 0.0 | 53.444 | 3.736 | 0.0 | 40.641 | 2.945 | 0.0 | 40.785 | 4.42 | 0.0 | 45.45 | 3.067 | 0.0 | 53.122 | 3.522 | 0.0 | 39.761 | 3.002 | 0.0 | 37.277 | 4.035 |
| 165 | 11876 | 11877 | NS | 1 | 0.0 | 42.624 | 0.667 | 0.0 | 50.276 | 0.851 | 0.0 | 45.242 | 0.649 | 0.0 | 46.022 | 1.026 | 0.0 | 43.712 | 0.667 | 0.0 | 48.406 | 0.779 | 0.0 | 41.558 | 0.611 | 0.0 | 46.391 | 0.862 |
| 166 | 11876 | 11877 | SN | 1 | 0.0 | 46.531 | 3.117 | 0.0 | 53.444 | 3.843 | 0.0 | 40.641 | 3.109 | 0.0 | 40.785 | 4.541 | 0.0 | 45.45 | 3.169 | 0.0 | 53.122 | 3.623 | 0.0 | 39.761 | 3.161 | 0.0 | 37.277 | 4.145 |
| 167 | 11876 | 11877 | SN | 1 | 0.0 | 43.844 | 0.895 | 0.0 | 40.191 | 1.196 | 0.0 | 40.131 | 1.141 | 0.0 | 38.924 | 1.519 | 0.0 | 43.463 | 0.865 | 0.0 | 41.712 | 1.096 | 0.0 | 38.377 | 1.09 | 0.0 | 35.962 | 1.348 |
| 168 | 11876 | 11877 | SN | 1 | 0.0 | 43.777 | 0.86 | 0.0 | 40.191 | 1.161 | 0.0 | 40.134 | 1.118 | 0.0 | 38.924 | 1.479 | 0.0 | 43.398 | 0.835 | 0.0 | 41.712 | 1.064 | 0.0 | 38.377 | 1.057 | 0.0 | 35.962 | 1.31 |
| 169 | 11876 | 11877 | SN | 1 | 0.0 | 43.059 | 0.858 | 0.0 | 40.191 | 1.145 | 0.0 | 38.749 | 1.068 | 0.0 | 37.586 | 1.49 | 0.0 | 42.683 | 0.839 | 0.0 | 41.712 | 1.053 | 0.0 | 39.906 | 1.011 | 0.0 | 36.526 | 1.303 |
| 170 | 11876 | 11877 | NS | 1 | 0.0 | 50.624 | 2.551 | 0.0 | 54.332 | 3.034 | 0.0 | 40.137 | 2.496 | 0.0 | 50.03 | 3.668 | 0.0 | 51.318 | 2.602 | 0.0 | 54.13 | 2.77 | 0.0 | 40.984 | 2.376 | 0.0 | 50.321 | 3.014 |
| 171 | 11876 | 11877 | SN | 1 | 0.0 | 46.531 | 3.087 | 0.0 | 53.238 | 3.827 | 0.0 | 38.796 | 2.981 | 0.0 | 38.455 | 4.378 | 0.0 | 45.45 | 3.067 | 0.0 | 52.917 | 3.593 | 0.0 | 39.683 | 2.974 | 0.0 | 35.947 | 4.092 |
| 172 | 11876 | 11877 | NS | 1 | 0.0 | 42.618 | 0.665 | 0.0 | 50.276 | 0.851 | 0.0 | 45.242 | 0.655 | 0.0 | 46.022 | 1.021 | 0.0 | 43.722 | 0.665 | 0.0 | 48.406 | 0.781 | 0.0 | 43.516 | 0.607 | 0.0 | 46.391 | 0.856 |
| 173 | 11877 | 11878 | SN | 1 | 0.0 | 43.763 | 1.186 | 0.0 | 42.849 | 1.575 | 0.0 | 36.828 | 1.368 | 0.0 | 40.801 | 1.878 | 0.0 | 43.456 | 1.208 | 0.0 | 39.929 | 1.532 | 0.0 | 38.546 | 1.363 | 0.0 | 37.698 | 1.743 |
| 174 | 11877 | 11878 | NS | 1 | 0.0 | 53.197 | 1.496 | 0.0 | 44.499 | 1.748 | 0.0 | 43.259 | 1.509 | 0.0 | 46.303 | 1.801 | 0.0 | 56.201 | 1.541 | 0.0 | 44.854 | 1.678 | 0.0 | 42.773 | 1.493 | 0.0 | 43.471 | 1.537 |
| 175 | 11877 | 11878 | SN | 1 | 0.0 | 45.451 | 1.217 | 0.0 | 42.849 | 1.637 | 0.0 | 36.599 | 1.455 | 0.0 | 41.325 | 1.954 | 0.0 | 46.362 | 1.238 | 0.0 | 39.929 | 1.639 | 0.0 | 37.703 | 1.418 | 0.0 | 37.698 | 1.871 |

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

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|-----|-------|-------|----|---|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|
| 176 | 11877 | 11878 | NS | 1 | 0.0 | 53.583 | 4.829 | 0.0 | 52.394 | 5.459 | 0.0 | 47.32 | 4.965 | 0.0 | 48.55 | 6.015 | 0.0 | 54.117 | 5.012 | 0.0 | 52.189 | 4.911 | 0.0 | 46.882 | 4.922 | 0.0 | 46.81 | 5.311 |
| 177 | 11877 | 11878 | SN | 1 | 0.0 | 43.834 | 4.897 | 0.0 | 54.402 | 6.192 | 0.0 | 43.686 | 4.537 | 0.0 | 41.484 | 5.688 | 0.0 | 42.519 | 5.067 | 0.0 | 55.751 | 6.001 | 0.0 | 42.261 | 4.634 | 0.0 | 40.74 | 5.755 |
| 178 | 11877 | 11878 | SN | 1 | 0.0 | 48.205 | 1.163 | 0.0 | 42.849 | 1.566 | 0.0 | 39.176 | 1.391 | 0.0 | 41.325 | 1.88 | 0.0 | 49.603 | 1.183 | 0.0 | 39.929 | 1.569 | 0.0 | 39.612 | 1.358 | 0.0 | 37.698 | 1.789 |
| 179 | 11877 | 11878 | NS | 1 | 0.0 | 50.626 | 1.514 | 0.0 | 49.939 | 1.781 | 0.0 | 44.662 | 1.509 | 0.0 | 40.94 | 1.888 | 0.0 | 49.703 | 1.56 | 0.0 | 47.927 | 1.7 | 0.0 | 41.918 | 1.49 | 0.0 | 40.499 | 1.572 |
| 180 | 11877 | 11878 | NS | 1 | 0.0 | 53.251 | 5.242 | 0.0 | 48.222 | 5.441 | 0.0 | 47.923 | 5.133 | 0.0 | 48.87 | 6.222 | 0.0 | 53.818 | 5.222 | 0.0 | 49.97 | 5.187 | 0.0 | 49.27 | 5.006 | 0.0 | 47.668 | 5.497 |
| 181 | 11877 | 11878 | SN | 1 | 0.0 | 45.109 | 4.681 | 0.0 | 54.402 | 5.924 | 0.0 | 43.686 | 4.425 | 0.0 | 41.973 | 5.433 | 0.0 | 45.288 | 4.823 | 0.0 | 55.751 | 5.802 | 0.0 | 42.261 | 4.539 | 0.0 | 40.492 | 5.468 |
| 182 | 11877 | 11878 | SN | 1 | 0.0 | 43.834 | 4.681 | 0.0 | 54.402 | 5.924 | 0.0 | 43.686 | 4.297 | 0.0 | 41.484 | 5.461 | 0.0 | 42.519 | 4.844 | 0.0 | 55.751 | 5.741 | 0.0 | 42.261 | 4.411 | 0.0 | 40.74 | 5.525 |
| 183 | 11878 | 11879 | SN | 1 | 0.0 | 49.049 | 1.325 | 0.0 | 44.738 | 1.545 | 0.0 | 41.774 | 1.123 | 0.0 | 43.076 | 1.375 | 0.0 | 49.58 | 1.341 | 0.0 | 45.107 | 1.484 | 0.0 | 40.927 | 1.08 | 0.0 | 41.984 | 1.208 |
| 184 | 11878 | 11879 | SN | 1 | 0.0 | 49.049 | 1.325 | 0.0 | 44.738 | 1.545 | 0.0 | 41.774 | 1.123 | 0.0 | 43.076 | 1.375 | 0.0 | 49.58 | 1.341 | 0.0 | 45.107 | 1.484 | 0.0 | 40.927 | 1.08 | 0.0 | 41.984 | 1.208 |
| 185 | 11878 | 11879 | NS | 1 | 0.0 | 49.625 | 6.885 | 0.0 | 50.947 | 8.568 | 0.0 | 48.752 | 6.646 | 0.0 | 43.581 | 8.135 | 0.0 | 50.566 | 6.896 | 0.0 | 50.281 | 7.816 | 0.0 | 49.012 | 6.476 | 0.0 | 44.76 | 7.346 |
| 186 | 11878 | 11879 | SN | 1 | 0.0 | 49.049 | 1.367 | 0.0 | 44.738 | 1.571 | 0.0 | 41.774 | 1.158 | 0.0 | 42.655 | 1.4 | 0.0 | 49.58 | 1.383 | 0.0 | 45.107 | 1.508 | 0.0 | 40.927 | 1.109 | 0.0 | 41.562 | 1.234 |
| 187 | 11878 | 11879 | SN | 1 | 0.0 | 58.316 | 5.513 | 0.633 | 53.981 | 6.256 | 0.0 | 49.513 | 4.246 | 0.0 | 50.248 | 4.84 | 0.0 | 60.01 | 5.675 | 0.432 | 54.637 | 5.951 | 0.0 | 47.082 | 4.132 | 0.0 | 48.768 | 4.412 |
| 188 | 11878 | 11879 | NS | 1 | 0.0 | 49.574 | 6.744 | 0.0 | 50.947 | 8.558 | 0.0 | 48.752 | 6.653 | 0.0 | 44.134 | 8.192 | 0.0 | 50.516 | 6.784 | 0.0 | 50.553 | 7.796 | 0.0 | 49.012 | 6.469 | 0.0 | 45.234 | 7.402 |
| 189 | 11878 | 11879 | NS | 1 | 0.0 | 46.916 | 1.724 | 0.0 | 48.812 | 2.445 | 0.0 | 40.949 | 1.961 | 0.0 | 46.351 | 2.716 | 0.0 | 46.99 | 1.695 | 0.0 | 48.894 | 2.235 | 0.0 | 40.589 | 1.88 | 0.0 | 44.605 | 2.305 |
| 190 | 11878 | 11879 | NS | 1 | 0.0 | 48.502 | 1.738 | 0.0 | 50.079 | 2.436 | 0.0 | 40.949 | 1.963 | 0.0 | 46.345 | 2.724 | 0.0 | 49.677 | 1.713 | 0.0 | 49.443 | 2.229 | 0.0 | 40.589 | 1.876 | 0.0 | 44.599 | 2.298 |
| 191 | 11878 | 11879 | SN | 1 | 0.0 | 58.316 | 5.674 | 0.633 | 53.981 | 6.311 | 0.0 | 49.513 | 4.387 | 0.0 | 50.248 | 4.922 | 0.0 | 60.01 | 5.841 | 0.432 | 54.637 | 6.007 | 0.0 | 47.082 | 4.263 | 0.0 | 48.768 | 4.518 |
| 192 | 11878 | 11879 | SN | 1 | 0.0 | 58.316 | 5.513 | 0.633 | 53.981 | 6.256 | 0.0 | 49.513 | 4.246 | 0.0 | 50.248 | 4.84 | 0.0 | 60.01 | 5.675 | 0.432 | 54.637 | 5.951 | 0.0 | 47.082 | 4.132 | 0.0 | 48.768 | 4.412 |
| 193 | 11879 | 11880 | SN | 1 | 0.0 | 52.567 | 6.937 | 0.0 | 56.985 | 7.451 | 0.0 | 48.003 | 5.152 | 0.0 | 47.931 | 5.904 | 0.0 | 53.187 | 6.967 | 0.0 | 57.209 | 7.153 | 0.0 | 46.704 | 5.081 | 0.0 | 48.267 | 5.465 |
| 194 | 11879 | 11880 | NS | 1 | 0.0 | 48.064 | 1.013 | 0.0 | 45.259 | 1.377 | 0.0 | 45.992 | 1.294 | 0.0 | 39.427 | 1.699 | 0.0 | 48.644 | 1.013 | 0.0 | 47.985 | 1.291 | 0.0 | 47.179 | 1.223 | 0.0 | 39.966 | 1.429 |
| 195 | 11879 | 11880 | NS | 1 | 0.0 | 48.07 | 1.019 | 0.0 | 45.259 | 1.373 | 0.0 | 45.751 | 1.291 | 0.0 | 39.427 | 1.699 | 0.0 | 48.648 | 1.017 | 0.0 | 47.985 | 1.293 | 0.0 | 47.179 | 1.209 | 0.0 | 39.966 | 1.429 |
| 196 | 11879 | 11880 | SN | 1 | 0.0 | 48.413 | 1.774 | 0.0 | 45.281 | 2.103 | 0.0 | 39.459 | 1.276 | 0.0 | 39.025 | 1.67 | 0.0 | 48.04 | 1.777 | 0.0 | 46.629 | 1.943 | 0.0 | 41.898 | 1.223 | 0.0 | 41.193 | 1.442 |
| 197 | 11879 | 11880 | NS | 1 | 0.0 | 52.754 | 3.532 | 0.0 | 43.56 | 4.792 | 0.0 | 44.465 | 4.172 | 0.0 | 50.649 | 5.234 | 0.0 | 53.274 | 3.522 | 0.0 | 43.806 | 4.731 | 0.0 | 42.73 | 3.888 | 0.0 | 46.213 | 4.587 |
| 198 | 11879 | 11880 | NS | 1 | 0.0 | 52.754 | 3.532 | 0.0 | 43.56 | 4.792 | 0.0 | 47.201 | 4.165 | 0.0 | 50.649 | 5.234 | 0.0 | 53.274 | 3.522 | 0.0 | 43.806 | 4.731 | 0.0 | 45.338 | 3.867 | 0.0 | 46.213 | 4.58 |
| 199 | 11879 | 11880 | SN | 1 | 0.0 | 52.567 | 7.431 | 0.0 | 56.985 | 7.859 | 0.0 | 48.003 | 5.539 | 0.0 | 47.931 | 6.197 | 0.0 | 53.187 | 7.464 | 0.0 | 57.209 | 7.533 | 0.0 | 46.704 | 5.461 | 0.0 | 48.267 | 5.724 |
| 200 | 11879 | 11880 | SN | 1 | 0.0 | 48.644 | 1.774 | 0.0 | 45.281 | 2.108 | 0.0 | 39.459 | 1.274 | 0.0 | 39.025 | 1.666 | 0.0 | 48.653 | 1.777 | 0.0 | 46.629 | 1.943 | 0.0 | 41.898 | 1.221 | 0.0 | 41.193 | 1.44 |
| 201 | 11879 | 11880 | SN | 1 | 0.0 | 48.413 | 1.919 | 0.0 | 45.281 | 2.247 | 0.0 | 39.459 | 1.368 | 0.0 | 39.025 | 1.735 | 0.0 | 47.967 | 1.924 | 0.0 | 46.629 | 2.074 | 0.0 | 41.898 | 1.305 | 0.0 | 41.193 | 1.486 |
| 202 | 11879 | 11880 | SN | 1 | 0.0 | 52.567 | 6.937 | 0.0 | 56.985 | 7.42 | 0.0 | 48.003 | 5.159 | 0.0 | 47.931 | 5.918 | 0.0 | 53.187 | 6.967 | 0.0 | 57.209 | 7.133 | 0.0 | 46.704 | 5.081 | 0.0 | 48.267 | 5.465 |
| 203 | 11880 | 11881 | NS | 1 | 0.0 | 43.328 | 1.232 | 0.0 | 52.343 | 2.008 | 0.0 | 43.806 | 1.051 | 0.0 | 41.542 | 1.838 | 0.0 | 45.741 | 1.219 | 0.0 | 53.286 | 1.868 | 0.0 | 43.133 | 0.966 | 0.0 | 39.274 | 1.595 |
| 204 | 11880 | 11881 | SN | 1 | 0.0 | 48.356 | 6.002 | 0.0 | 53.481 | 6.674 | 0.0 | 48.426 | 5.229 | 0.0 | 50.387 | 5.952 | 0.0 | 48.909 | 6.114 | 0.0 | 52.752 | 6.318 | 0.0 | 46.804 | 5.172 | 0.0 | 45.505 | 5.075 |
| 205 | 11880 | 11881 | SN | 1 | 0.0 | 48.356 | 6.002 | 0.0 | 53.481 | 6.674 | 0.0 | 48.426 | 5.229 | 0.0 | 50.387 | 5.952 | 0.0 | 48.909 | 6.114 | 0.0 | 52.752 | 6.318 | 0.0 | 46.804 | 5.172 | 0.0 | 45.505 | 5.075 |
| 206 | 11880 | 11881 | SN | 1 | 0.0 | 45.063 | 1.699 | 0.0 | 43.11 | 2.078 | 0.0 | 45.519 | 1.56 | 0.0 | 44.151 | 1.959 | 0.0 | 45.066 | 1.67 | 0.0 | 42.136 | 1.89 | 0.0 | 45.535 | 1.489 | 0.0 | 44.511 | 1.681 |
| 207 | 11880 | 11881 | NS | 1 | 0.0 | 51.633 | 4.372 | 0.0 | 56.018 | 6.132 | 0.0 | 44.933 | 3.737 | 0.0 | 44.114 | 5.606 | 0.0 | 50.063 | 4.362 | 0.0 | 53.768 | 5.624 | 0.0 | 42.951 | 3.567 | 0.0 | 46.126 | 5.037 |
| 208 | 11880 | 11881 | NS | 1 | 0.0 | 42.841 | 1.232 | 0.0 | 51.571 | 1.997 | 0.0 | 43.208 | 1.079 | 0.0 | 37.55 | 1.841 | 0.0 | 44.325 | 1.212 | 0.0 | 52.514 | 1.891 | 0.0 | 41.759 | 0.98 | 0.0 | 39.934 | 1.611 |
| 209 | 11880 | 11881 | SN | 1 | 0.0 | 45.063 | 1.699 | 0.0 | 43.11 | 2.078 | 0.0 | 45.519 | 1.56 | 0.0 | 44.151 | 1.959 | 0.0 | 45.066 | 1.67 | 0.0 | 42.136 | 1.89 | 0.0 | 45.535 | 1.489 | 0.0 | 44.511 | 1.681 |
| 210 | 11880 | 11881 | NS | 1 | 0.0 | 46.418 | 4.342 | 0.0 | 57.465 | 6.132 | 0.0 | 48.047 | 3.794 | 0.0 | 51.056 | 5.613 | 0.0 | 46.367 | 4.362 | 0.0 | 57.818 | 5.655 | 0.0 | 46.074 | 3.617 | 0.0 | 53.714 | 5.101 |
| 211 | 11881 | 11882 | NS | 1 | 0.0 | 51.752 | 1.273 | 0.0 | 46.924 | 1.632 | 0.0 | 42.478 | 1.319 | 0.0 | 44.981 | 1.816 | 0.0 | 51.383 | 1.295 | 0.0 | 43.718 | 1.612 | 0.0 | 41.717 | 1.257 | 0.0 | 41.749 | 1.599 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 212 | 11881 | 11882 | SN | 1 | 0.0 | 43.246 | 1.85 | 0.0 | 44.959 | 2.268 | 0.0 | 44.637 | 1.67 | 0.0 | 41.288 | 2.455 | 0.0 | 43.62 | 1.879 | 0.0 | 44.616 | 2.237 | 0.0 | 41.6 | 1.705 | 0.0 | 41.24 | 2.487 |
| 213 | 11881 | 11882 | SN | 1 | 0.0 | 43.905 | 7.227 | 0.0 | 48.082 | 7.594 | 0.0 | 53.556 | 5.639 | 0.0 | 44.329 | 7.109 | 0.0 | 45.108 | 7.339 | 0.0 | 48.292 | 7.502 | 0.0 | 50.266 | 6.03 | 0.0 | 41.587 | 7.23 |
| 214 | 11881 | 11882 | NS | 1 | 0.0 | 50.25 | 4.572 | 0.0 | 45.978 | 5.854 | 0.0 | 45.008 | 4.282 | 0.0 | 43.093 | 5.68 | 0.0 | 49.842 | 4.663 | 0.0 | 44.571 | 5.631 | 0.0 | 42.916 | 4.346 | 0.0 | 42.997 | 5.488 |
| 215 | 11881 | 11882 | NS | 1 | 0.0 | 51.752 | 1.273 | 0.0 | 46.924 | 1.639 | 0.0 | 42.478 | 1.323 | 0.0 | 44.557 | 1.813 | 0.0 | 51.383 | 1.295 | 0.0 | 43.718 | 1.619 | 0.0 | 41.719 | 1.256 | 0.0 | 41.325 | 1.593 |
| 216 | 11881 | 11882 | NS | 1 | 0.0 | 50.25 | 4.592 | 0.0 | 45.978 | 5.854 | 0.0 | 44.931 | 4.282 | 0.0 | 43.093 | 5.68 | 0.0 | 49.842 | 4.673 | 0.0 | 44.571 | 5.62 | 0.0 | 42.838 | 4.36 | 0.0 | 42.997 | 5.496 |
| 217 | 11882 | 11883 | NS | 1 | 0.0 | 48.124 | 3.227 | 0.0 | 45.466 | 4.129 | 0.0 | 41.995 | 3.169 | 0.0 | 45.637 | 4.735 | 0.0 | 46.781 | 3.176 | 0.0 | 44.579 | 3.987 | 0.0 | 45.022 | 3.226 | 0.0 | 44.196 | 4.465 |
| 218 | 11882 | 11883 | SN | 1 | 0.0 | 45.254 | 1.471 | 0.0 | 44.564 | 1.765 | 0.0 | 39.402 | 1.391 | 0.0 | 45.65 | 1.847 | 0.0 | 43.968 | 1.502 | 0.0 | 44.98 | 1.708 | 0.0 | 36.978 | 1.305 | 0.0 | 40.3 | 1.691 |
| 219 | 11882 | 11883 | NS | 1 | 0.0 | 50.11 | 0.984 | 0.0 | 41.514 | 1.438 | 0.0 | 48.557 | 0.978 | 0.0 | 37.942 | 1.496 | 0.0 | 50.037 | 1.05 | 0.0 | 39.097 | 1.387 | 0.0 | 46.691 | 0.939 | 0.0 | 35.801 | 1.353 |
| 220 | 11882 | 11883 | SN | 1 | 0.0 | 49.877 | 5.189 | 0.0 | 46.152 | 5.859 | 0.0 | 53.013 | 4.692 | 0.0 | 48.715 | 5.825 | 0.0 | 49.472 | 5.311 | 0.0 | 48.584 | 5.533 | 0.0 | 51.483 | 4.643 | 0.0 | 47.024 | 5.49 |
| 221 | 11883 | 11884 | SN | 1 | 0.0 | 40.658 | 0.69 | 0.0 | 45.913 | 0.858 | 0.0 | 38.853 | 0.794 | 0.0 | 42.515 | 1.093 | 0.0 | 41.987 | 0.69 | 0.0 | 44.896 | 0.767 | 0.0 | 39.371 | 0.746 | 0.0 | 39.709 | 0.919 |
| 222 | 11883 | 11884 | SN | 1 | 0.0 | 49.365 | 2.711 | 0.0 | 50.047 | 3.217 | 0.0 | 48.127 | 2.988 | 0.0 | 44.999 | 3.971 | 0.0 | 48.627 | 2.813 | 0.0 | 51.278 | 2.993 | 0.0 | 48.396 | 2.732 | 0.0 | 46.49 | 3.551 |
| 223 | 11883 | 11884 | NS | 1 | 0.0 | 44.24 | 2.116 | 0.0 | 43.93 | 3.019 | 0.0 | 42.244 | 2.61 | 0.0 | 41.204 | 3.573 | 0.0 | 43.267 | 2.046 | 0.0 | 42.523 | 2.631 | 0.0 | 43.254 | 2.468 | 0.0 | 38.046 | 3.065 |
| 224 | 11883 | 11884 | SN | 1 | 0.0 | 41.822 | 0.686 | 0.0 | 46.803 | 0.865 | 0.0 | 42.462 | 0.819 | 0.0 | 41.752 | 1.102 | 0.0 | 43.15 | 0.683 | 0.0 | 45.369 | 0.765 | 0.0 | 42.979 | 0.759 | 0.0 | 39.246 | 0.919 |
| 225 | 11883 | 11884 | NS | 1 | 0.0 | 37.038 | 0.667 | 0.0 | 44.671 | 0.944 | 0.0 | 35.839 | 0.864 | 0.0 | 40.76 | 1.263 | 0.0 | 37.133 | 0.658 | 0.0 | 45.576 | 0.785 | 0.0 | 35.195 | 0.793 | 0.0 | 37.324 | 1.028 |
| 226 | 11883 | 11884 | SN | 1 | 0.0 | 51.514 | 2.732 | 0.0 | 52.538 | 3.227 | 0.0 | 39.905 | 2.995 | 0.0 | 44.998 | 4.014 | 0.0 | 50.778 | 2.792 | 0.0 | 54.591 | 2.972 | 0.0 | 40.387 | 2.718 | 0.0 | 46.488 | 3.551 |
| 227 | 11884 | 11885 | NS | 1 | 0.0 | 47.32 | 0.563 | 0.0 | 36.619 | 0.846 | 0.0 | 44.764 | 0.699 | 0.0 | 36.768 | 1.206 | 0.0 | 46.199 | 0.542 | 0.0 | 37.272 | 0.696 | 0.0 | 45.974 | 0.56 | 0.0 | 32.862 | 0.867 |
| 228 | 11884 | 11885 | SN | 1 | 0.0 | 47.795 | 2.802 | 0.0 | 47.553 | 4.233 | 0.0 | 43.638 | 3.933 | 0.0 | 49.261 | 4.865 | 0.0 | 48.207 | 2.782 | 0.0 | 47.744 | 3.834 | 0.0 | 44.196 | 3.755 | 0.0 | 51.014 | 4.241 |
| 229 | 11884 | 11885 | NS | 1 | 0.0 | 47.32 | 0.563 | 0.0 | 36.619 | 0.846 | 0.0 | 44.764 | 0.699 | 0.0 | 36.768 | 1.206 | 0.0 | 46.199 | 0.542 | 0.0 | 37.272 | 0.696 | 0.0 | 45.974 | 0.56 | 0.0 | 32.862 | 0.867 |
| 230 | 11884 | 11885 | NS | 1 | 0.0 | 45.896 | 2.231 | 0.0 | 42.12 | 2.977 | 0.0 | 44.008 | 2.434 | 0.0 | 40.281 | 3.592 | 0.0 | 45.257 | 2.18 | 0.0 | 39.69 | 2.591 | 0.0 | 41.892 | 2.072 | 0.0 | 37.156 | 2.774 |
| 231 | 11884 | 11885 | NS | 1 | 0.0 | 45.896 | 2.231 | 0.0 | 42.12 | 2.977 | 0.0 | 44.008 | 2.434 | 0.0 | 40.281 | 3.592 | 0.0 | 45.257 | 2.18 | 0.0 | 39.69 | 2.591 | 0.0 | 41.892 | 2.072 | 0.0 | 37.156 | 2.774 |
| 232 | 11884 | 11885 | SN | 1 | 0.0 | 47.795 | 2.802 | 0.0 | 47.553 | 4.233 | 0.0 | 43.638 | 3.933 | 0.0 | 49.261 | 4.857 | 0.0 | 48.207 | 2.782 | 0.0 | 47.744 | 3.834 | 0.0 | 44.196 | 3.755 | 0.0 | 51.014 | 4.248 |
| 233 | 11884 | 11885 | SN | 1 | 0.0 | 48.002 | 0.995 | 0.0 | 41.593 | 1.474 | 0.0 | 46.665 | 1.33 | 0.0 | 39.957 | 1.586 | 0.0 | 49.051 | 0.979 | 0.0 | 40.918 | 1.346 | 0.0 | 44.32 | 1.204 | 0.0 | 38.777 | 1.296 |
| 234 | 11884 | 11885 | SN | 1 | 0.0 | 48.002 | 0.995 | 0.0 | 41.593 | 1.474 | 0.0 | 46.665 | 1.33 | 0.0 | 39.957 | 1.586 | 0.0 | 49.051 | 0.979 | 0.0 | 40.918 | 1.346 | 0.0 | 44.32 | 1.204 | 0.0 | 38.777 | 1.296 |
| 235 | 11885 | 11886 | NS | 1 | 0.0 | 42.236 | 0.957 | 0.0 | 45.615 | 1.121 | 0.0 | 48.969 | 1.06 | 0.0 | 48.028 | 1.41 | 0.0 | 43.453 | 0.888 | 0.0 | 45.476 | 1.024 | 0.0 | 48.04 | 0.969 | 0.0 | 46.922 | 1.072 |
| 236 | 11885 | 11886 | SN | 1 | 0.0 | 45.366 | 5.553 | 0.0 | 46.302 | 6.296 | 0.0 | 42.702 | 4.95 | 0.0 | 42.496 | 6.885 | 0.0 | 46.118 | 5.553 | 0.0 | 46.637 | 6.073 | 0.0 | 42.066 | 5.007 | 0.0 | 45.768 | 6.65 |
| 237 | 11885 | 11886 | SN | 1 | 0.0 | 45.33 | 5.523 | 0.0 | 46.302 | 6.266 | 0.0 | 42.702 | 4.943 | 0.0 | 42.448 | 6.914 | 0.0 | 46.081 | 5.533 | 0.0 | 46.637 | 6.012 | 0.0 | 42.066 | 5.042 | 0.0 | 45.72 | 6.657 |
| 238 | 11885 | 11886 | SN | 1 | 0.0 | 44.759 | 1.54 | 0.0 | 44.654 | 2.084 | 0.0 | 36.401 | 1.696 | 0.0 | 36.656 | 2.456 | 0.0 | 45.531 | 1.513 | 0.0 | 43.487 | 1.91 | 0.0 | 35.446 | 1.685 | 0.0 | 35.614 | 2.207 |
| 239 | 11885 | 11886 | SN | 1 | 0.0 | 44.759 | 1.542 | 0.0 | 44.654 | 2.086 | 0.0 | 36.401 | 1.684 | 0.0 | 36.655 | 2.447 | 0.0 | 45.531 | 1.511 | 0.0 | 43.487 | 1.914 | 0.0 | 35.446 | 1.675 | 0.0 | 35.531 | 2.205 |
| 240 | 11885 | 11886 | NS | 1 | 0.0 | 46.037 | 2.591 | 0.0 | 44.159 | 2.731 | 0.0 | 41.611 | 3.29 | 0.0 | 45.194 | 4.197 | 0.0 | 45.765 | 2.652 | 0.0 | 42.605 | 2.7 | 0.0 | 42.066 | 3.07 | 0.0 | 42.817 | 3.464 |
| 241 | 11885 | 11886 | NS | 1 | 0.0 | 46.899 | 2.874 | 0.0 | 44.914 | 3.022 | 0.0 | 41.61 | 3.596 | 0.0 | 39.88 | 4.481 | 0.0 | 46.624 | 2.963 | 0.0 | 42.605 | 2.966 | 0.0 | 43.061 | 3.292 | 0.0 | 40.825 | 3.623 |
| 242 | 11885 | 11886 | NS | 1 | 0.0 | 46.899 | 2.631 | 0.0 | 44.914 | 2.761 | 0.0 | 41.61 | 3.382 | 0.0 | 39.88 | 4.155 | 0.0 | 46.624 | 2.712 | 0.0 | 42.605 | 2.71 | 0.0 | 43.061 | 3.056 | 0.0 | 40.825 | 3.344 |
| 243 | 11885 | 11886 | NS | 1 | 0.0 | 42.236 | 1.045 | 0.0 | 45.615 | 1.231 | 0.0 | 48.969 | 1.153 | 0.0 | 48.028 | 1.536 | 0.0 | 43.152 | 0.971 | 0.0 | 45.476 | 1.122 | 0.0 | 48.04 | 1.068 | 0.0 | 46.922 | 1.167 |
| 244 | 11885 | 11886 | NS | 1 | 0.0 | 42.112 | 0.964 | 0.0 | 46.605 | 1.099 | 0.0 | 40.717 | 1.058 | 0.0 | 48.263 | 1.422 | 0.0 | 41.922 | 0.903 | 0.0 | 46.467 | 1.011 | 0.0 | 39.787 | 0.985 | 0.0 | 47.158 | 1.093 |
| 245 | 11886 | 11887 | SN | 1 | 0.0 | 46.692 | 4.107 | 0.0 | 43.328 | 4.328 | 0.0 | 40.398 | 4.748 | 0.0 | 44.317 | 5.422 | 0.0 | 47.695 | 4.14 | 0.0 | 45.574 | 4.361 | 0.0 | 39.11 | 4.894 | 0.0 | 44.578 | 5.376 |
| 246 | 11886 | 11887 | SN | 1 | 0.0 | 53.17 | 1.195 | 0.0 | 41.832 | 1.347 | 0.0 | 39.609 | 1.375 | 0.0 | 39.319 | 1.682 | 0.0 | 54.31 | 1.181 | 0.0 | 40.16 | 1.315 | 0.0 | 39.228 | 1.398 | 0.0 | 36.319 | 1.623 |
| 247 | 11886 | 11887 | SN | 1 | 0.0 | 46.692 | 3.798 | 0.0 | 43.328 | 4.03 | 0.0 | 40.398 | 4.411 | 0.0 | 44.317 | 5.083 | 0.0 | 47.695 | 3.829 | 0.0 | 45.574 | 4.05 | 0.0 | 39.11 | 4.546 | 0.0 | 44.578 | 4.997 |

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

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|-----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 248 | 11886 | 11887 | SN | 1 | 0.0 | 46.692 | 3.809 | 0.0 | 43.328 | 4.03 | 0.0 | 40.398 | 4.425 | 0.0 | 44.317 | 5.083 | 0.0 | 47.695 | 3.839 | 0.0 | 45.574 | 4.05 | 0.0 | 39.11 | 4.553 | 0.0 | 44.578 | 5.004 |
| 249 | 11886 | 11887 | SN | 1 | 0.0 | 53.17 | 1.195 | 0.0 | 41.832 | 1.349 | 0.0 | 39.609 | 1.373 | 0.0 | 39.319 | 1.683 | 0.0 | 54.31 | 1.185 | 0.0 | 40.16 | 1.315 | 0.0 | 39.228 | 1.395 | 0.0 | 36.319 | 1.623 |
| 250 | 11886 | 11887 | NS | 1 | 0.0 | 42.205 | 1.018 | 0.0 | 45.36 | 1.349 | 0.0 | 40.154 | 1.205 | 0.0 | 38.666 | 1.499 | 0.0 | 42.788 | 1.041 | 0.0 | 43.858 | 1.275 | 0.0 | 40.088 | 1.148 | 0.0 | 38.285 | 1.247 |
| 251 | 11886 | 11887 | SN | 1 | 0.0 | 53.17 | 1.291 | 0.0 | 41.832 | 1.452 | 0.0 | 39.609 | 1.481 | 0.0 | 39.319 | 1.802 | 0.0 | 54.31 | 1.279 | 0.0 | 40.16 | 1.417 | 0.0 | 39.228 | 1.51 | 0.0 | 36.319 | 1.739 |
| 252 | 11886 | 11887 | NS | 1 | 0.0 | 43.101 | 1.038 | 0.0 | 48.084 | 1.382 | 0.0 | 42.154 | 1.216 | 0.0 | 44.147 | 1.489 | 0.0 | 43.684 | 1.047 | 0.0 | 46.584 | 1.282 | 0.0 | 39.139 | 1.161 | 0.0 | 41.99 | 1.239 |
| 253 | 11886 | 11887 | NS | 1 | 0.0 | 55.599 | 4.275 | 0.0 | 50.844 | 5.391 | 0.0 | 48.509 | 4.045 | 0.0 | 48.879 | 4.939 | 0.0 | 56.148 | 4.244 | 0.0 | 48.191 | 5.156 | 0.0 | 48.597 | 4.103 | 0.0 | 47.485 | 4.488 |
| 254 | 11886 | 11887 | NS | 1 | 0.0 | 56.001 | 4.27 | 0.0 | 49.776 | 5.35 | 0.0 | 45.869 | 4.063 | 0.0 | 49.176 | 4.894 | 0.0 | 56.556 | 4.26 | 0.0 | 47.123 | 5.036 | 0.0 | 45.959 | 3.95 | 0.0 | 46.005 | 4.396 |
| 255 | 11886 | 11887 | NS | 1 | 0.0 | 43.101 | 1.02 | 0.0 | 48.084 | 1.372 | 0.0 | 42.154 | 1.206 | 0.0 | 44.147 | 1.477 | 0.0 | 43.684 | 1.034 | 0.0 | 46.584 | 1.272 | 0.0 | 39.139 | 1.152 | 0.0 | 41.99 | 1.229 |
| 256 | 11886 | 11887 | NS | 1 | 0.0 | 55.599 | 4.24 | 0.0 | 50.844 | 5.35 | 0.0 | 47.836 | 4.021 | 0.0 | 48.879 | 4.901 | 0.0 | 56.148 | 4.2 | 0.0 | 48.191 | 5.117 | 0.0 | 47.925 | 4.07 | 0.0 | 47.485 | 4.453 |

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

- Normal
- Deviations
- Alarming
- High Errors

| 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 | 11857 | 11858 | SN | 1 | 0.0 | 31.811 | 12.293 | 0.0 | 23.345 | 13.273 | 0.0 | 113.085 | 8.435 | 0.0 | 55.065 | 9.791 | 0.0 | 1.425 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.105 | 0.0 |
| 2 | 11857 | 11858 | SN | 1 | 0.0 | 23.279 | 5.054 | 0.0 | 48.761 | 6.494 | 0.0 | 122.328 | 1.257 | 0.0 | 188.641 | 1.97 | 0.0 | 1.414 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 2.105 | 0.0 |
| 3 | 11857 | 11858 | SN | 1 | 0.0 | 31.811 | 12.21 | 0.0 | 23.345 | 13.61 | 0.0 | 113.085 | 7.979 | 0.0 | 63.202 | 10.627 | 0.0 | 1.425 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.105 | 0.0 |
| 4 | 11857 | 11858 | SN | 1 | 0.0 | 23.279 | 5.18 | 0.0 | 48.761 | 6.456 | 0.0 | 122.328 | 1.356 | 0.0 | 188.641 | 1.873 | 0.0 | 1.414 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 2.105 | 0.0 |
| 5 | 11858 | 11859 | NS | 1 | 0.756 | 55.566 | 10.509 | 0.0 | 32.257 | 15.437 | 0.0 | 140.602 | 12.644 | 0.0 | 72.853 | 14.333 | 0.001 | 1.401 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.157 | 0.0 |
| 6 | 11858 | 11859 | SN | 1 | 0.0 | 31.777 | 12.238 | 1.12 | 23.345 | 13.579 | 0.0 | 127.203 | 8.125 | 0.0 | 195.416 | 10.615 | 0.0 | 1.425 | 0.0 | 0.001 | 1.753 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.105 | 0.0 |
| 7 | 11858 | 11859 | SN | 1 | 0.0 | 23.306 | 5.12 | 0.0 | 25.479 | 6.478 | 0.0 | 131.957 | 1.332 | 0.0 | 155.835 | 1.878 | 0.0 | 1.414 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.106 | 0.0 |
| 8 | 11858 | 11859 | NS | 1 | 0.0 | 158.482 | 6.731 | 0.0 | 23.764 | 8.366 | 0.0 | 143.023 | 3.374 | 0.0 | 127.435 | 4.552 | 0.0 | 1.427 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.157 | 0.0 |
| 9 | 11858 | 11859 | SN | 1 | 0.0 | 31.777 | 12.239 | 1.12 | 23.345 | 13.397 | 0.0 | 127.203 | 8.265 | 0.0 | 195.416 | 10.231 | 0.0 | 1.425 | 0.0 | 0.001 | 1.753 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.105 | 0.0 |
| 10 | 11858 | 11859 | SN | 1 | 0.0 | 23.306 | 5.075 | 0.0 | 25.479 | 6.476 | 0.0 | 131.957 | 1.299 | 0.0 | 155.835 | 2.002 | 0.0 | 1.414 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.106 | 0.0 |
| 11 | 11859 | 11860 | NS | 1 | 0.0 | 23.483 | 6.665 | 0.0 | 23.731 | 8.347 | 0.0 | 351.915 | 3.33 | 0.0 | 75.12 | 4.544 | 0.0 | 1.423 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.156 | 0.0 |
| 12 | 11859 | 11860 | NS | 1 | 0.756 | 23.808 | 10.519 | 0.0 | 32.246 | 15.478 | 0.0 | 139.957 | 12.525 | 0.0 | 80.409 | 14.319 | 0.001 | 1.401 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.157 | 0.0 |
| 13 | 11859 | 11860 | SN | 1 | 0.0 | 23.295 | 5.086 | 0.0 | 25.579 | 6.497 | 0.0 | 132.658 | 1.321 | 0.0 | 12.624 | 1.917 | 0.0 | 1.415 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.105 | 0.0 |
| 14 | 11859 | 11860 | SN | 1 | 0.0 | 28.579 | 12.246 | 1.346 | 23.351 | 13.537 | 0.0 | 131.505 | 8.237 | 0.0 | 18.597 | 10.422 | 0.0 | 1.426 | 0.0 | 0.001 | 1.753 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.102 | 0.0 |
| 15 | 11859 | 11860 | SN | 1 | 0.0 | 28.579 | 12.237 | 1.346 | 23.351 | 13.64 | 0.0 | 131.505 | 8.153 | 0.0 | 58.652 | 10.645 | 0.0 | 1.426 | 0.0 | 0.001 | 1.753 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.102 | 0.0 |
| 16 | 11859 | 11860 | SN | 1 | 0.0 | 23.295 | 5.059 | 0.0 | 25.579 | 6.496 | 0.0 | 132.658 | 1.302 | 0.0 | 39.228 | 1.999 | 0.0 | 1.415 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.105 | 0.0 |
| 17 | 11860 | 11861 | NS | 1 | 0.0 | 67.244 | 6.568 | 0.0 | 23.709 | 8.297 | 0.0 | 132.81 | 3.325 | 0.0 | 69.18 | 4.52 | 0.0 | 1.426 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.158 | 0.0 |
| 18 | 11860 | 11861 | SN | 1 | 0.0 | 31.595 | 12.236 | 0.0 | 23.356 | 13.464 | 0.0 | 90.038 | 8.258 | 0.0 | 17.598 | 10.282 | 0.0 | 1.424 | 0.0 | 0.0 | 1.754 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.106 | 0.0 |
| 19 | 11860 | 11861 | SN | 1 | 0.0 | 31.595 | 12.235 | 0.0 | 23.356 | 13.615 | 0.0 | 90.038 | 8.172 | 0.0 | 38.147 | 10.574 | 0.0 | 1.424 | 0.0 | 0.0 | 1.754 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.106 | 0.0 |
| 20 | 11860 | 11861 | SN | 1 | 0.0 | 31.595 | 12.235 | 0.0 | 23.356 | 13.615 | 0.0 | 90.038 | 8.172 | 0.0 | 38.147 | 10.574 | 0.0 | 1.424 | 0.0 | 0.0 | 1.754 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.106 | 0.0 |
| 21 | 11860 | 11861 | NS | 1 | 0.0 | 23.676 | 10.463 | 0.0 | 31.601 | 15.393 | 0.0 | 353.217 | 12.463 | 0.0 | 72.395 | 14.286 | 0.0 | 1.401 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.156 | 0.0 |
| 22 | 11860 | 11861 | NS | 1 | 0.0 | 23.676 | 10.463 | 0.0 | 31.601 | 15.393 | 0.0 | 353.217 | 12.463 | 0.0 | 72.395 | 14.286 | 0.0 | 1.401 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.156 | 0.0 |
| 23 | 11860 | 11861 | SN | 1 | 0.0 | 23.279 | 5.048 | 0.0 | 25.601 | 6.494 | 0.0 | 74.91 | 1.34 | 0.0 | 12.078 | 1.922 | 0.0 | 1.413 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.106 | 0.0 |
| 24 | 11860 | 11861 | SN | 1 | 0.0 | 23.279 | 5.021 | 0.0 | 25.601 | 6.501 | 0.0 | 74.91 | 1.318 | 0.0 | 68.59 | 2.025 | 0.0 | 1.413 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.106 | 0.0 |
| 25 | 11860 | 11861 | SN | 1 | 0.0 | 23.279 | 5.021 | 0.0 | 25.601 | 6.501 | 0.0 | 74.91 | 1.318 | 0.0 | 68.59 | 2.025 | 0.0 | 1.413 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.106 | 0.0 |
| 26 | 11860 | 11861 | NS | 1 | 0.0 | 67.244 | 6.568 | 0.0 | 23.709 | 8.297 | 0.0 | 132.81 | 3.325 | 0.0 | 69.18 | 4.52 | 0.0 | 1.426 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.158 | 0.0 |
| 27 | 11861 | 11862 | SN | 1 | 0.0 | 23.284 | 5.032 | 0.0 | 25.623 | 6.501 | 0.0 | 118.402 | 1.353 | 0.0 | 70.691 | 2.027 | 0.0 | 1.415 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.106 | 0.0 |
| 28 | 11861 | 11862 | SN | 1 | 0.0 | 31.546 | 12.203 | 0.0 | 23.362 | 13.561 | 0.0 | 118.479 | 8.257 | 0.0 | 39.013 | 10.528 | 0.0 | 1.426 | 0.0 | 0.0 | 1.754 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.104 | 0.0 |
| 29 | 11861 | 11862 | SN | 1 | 0.0 | 23.284 | 5.032 | 0.0 | 25.623 | 6.504 | 0.0 | 118.413 | 1.357 | 0.0 | 70.686 | 2.026 | 0.0 | 1.415 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.106 | 0.0 |
| 30 | 11861 | 11862 | NS | 1 | 0.0 | 23.836 | 10.466 | 0.0 | 31.612 | 15.482 | 0.0 | 146.007 | 12.396 | 0.0 | 66.864 | 14.355 | 0.0 | 1.4 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.155 | 0.0 |
| 31 | 11861 | 11862 | NS | 1 | 0.0 | 263.81 | 6.592 | 0.0 | 23.726 | 8.355 | 0.0 | 311.837 | 3.338 | 0.0 | 125.108 | 4.595 | 0.0 | 1.422 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.157 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 11861 | 11862 | NS | 1 | 0.0 | 23.466 | 6.589 | 0.0 | 23.742 | 8.361 | 0.0 | 311.837 | 3.333 | 0.0 | 71.27 | 4.591 | 0.0 | 1.425 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.157 | 0.0 |
| 33 | 11861 | 11862 | SN | 1 | 0.0 | 31.546 | 12.193 | 0.0 | 23.362 | 13.561 | 0.0 | 118.484 | 8.264 | 0.0 | 39.002 | 10.542 | 0.0 | 1.426 | 0.0 | 0.0 | 1.754 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.106 | 0.0 |
| 34 | 11861 | 11862 | NS | 1 | 0.0 | 40.864 | 10.472 | 0.0 | 31.535 | 15.434 | 0.0 | 353.525 | 12.434 | 0.0 | 72.61 | 14.301 | 0.0 | 1.4 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.158 | 0.0 |
| 35 | 11861 | 11862 | SN | 1 | 0.0 | 23.284 | 5.069 | 0.0 | 25.623 | 6.483 | 0.0 | 118.413 | 1.391 | 0.0 | 11.659 | 1.887 | 0.0 | 1.415 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 2.106 | 0.0 |
| 36 | 11862 | 11863 | SN | 1 | 0.0 | 31.568 | 12.242 | 0.0 | 275.962 | 13.302 | 0.0 | 84.043 | 8.397 | 0.0 | 13.749 | 10.026 | 0.0 | 1.425 | 0.0 | 0.0 | 1.753 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.106 | 0.0 |
| 37 | 11862 | 11863 | SN | 1 | 0.0 | 23.279 | 5.115 | 0.0 | 198.73 | 6.484 | 0.0 | 76.581 | 1.379 | 0.0 | 11.653 | 1.88 | 0.0 | 1.415 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 2.106 | 0.0 |
| 38 | 11862 | 11863 | SN | 1 | 0.0 | 31.568 | 12.207 | 0.0 | 275.962 | 13.601 | 0.0 | 84.032 | 8.202 | 0.0 | 55.999 | 10.614 | 0.0 | 1.425 | 0.0 | 0.0 | 1.753 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.104 | 0.0 |
| 39 | 11862 | 11863 | SN | 1 | 0.0 | 23.279 | 5.061 | 0.0 | 198.73 | 6.521 | 0.0 | 76.57 | 1.327 | 0.0 | 49.05 | 2.032 | 0.0 | 1.415 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 2.105 | 0.0 |
| 40 | 11862 | 11863 | SN | 1 | 0.0 | 23.279 | 5.056 | 0.0 | 198.73 | 6.516 | 0.0 | 76.581 | 1.327 | 0.0 | 49.05 | 2.03 | 0.0 | 1.415 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 2.106 | 0.0 |
| 41 | 11862 | 11863 | NS | 1 | 0.0 | 190.019 | 6.632 | 0.0 | 23.72 | 8.363 | 0.0 | 316.101 | 3.335 | 0.0 | 118.407 | 4.569 | 0.0 | 1.422 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.156 | 0.0 |
| 42 | 11862 | 11863 | SN | 1 | 0.0 | 31.568 | 12.207 | 0.0 | 275.962 | 13.601 | 0.0 | 84.043 | 8.202 | 0.0 | 55.999 | 10.628 | 0.0 | 1.425 | 0.0 | 0.0 | 1.753 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.106 | 0.0 |
| 43 | 11862 | 11863 | NS | 1 | 0.0 | 125.508 | 10.492 | 0.0 | 31.485 | 15.466 | 0.0 | 261.745 | 12.534 | 0.0 | 75.01 | 14.329 | 0.0 | 1.4 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.158 | 0.0 |
| 44 | 11862 | 11863 | NS | 1 | 0.0 | 125.508 | 10.466 | 0.0 | 31.64 | 15.462 | 0.0 | 232.907 | 12.517 | 0.0 | 68.783 | 14.376 | 0.0 | 1.4 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.156 | 0.0 |
| 45 | 11862 | 11863 | NS | 1 | 0.0 | 122.8 | 6.623 | 0.0 | 23.726 | 8.382 | 0.0 | 316.101 | 3.335 | 0.0 | 134.494 | 4.577 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.157 | 0.0 |
| 46 | 11863 | 11864 | SN | 1 | 0.0 | 23.284 | 5.058 | 0.0 | 232.703 | 6.505 | 0.0 | 77.574 | 1.331 | 0.0 | 137.765 | 2.007 | 0.0 | 1.414 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.105 | 0.0 |
| 47 | 11863 | 11864 | NS | 1 | 0.0 | 121.01 | 6.701 | 0.0 | 23.731 | 8.377 | 0.0 | 215.921 | 3.359 | 0.0 | 111.017 | 4.57 | 0.0 | 1.422 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.156 | 0.0 |
| 48 | 11863 | 11864 | SN | 1 | 0.0 | 31.788 | 12.225 | 0.0 | 56.344 | 13.303 | 0.0 | 89.95 | 8.469 | 0.0 | 35.067 | 9.846 | 0.0 | 1.425 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.105 | 0.0 |
| 49 | 11863 | 11864 | NS | 1 | 0.0 | 217.754 | 10.455 | 0.0 | 31.656 | 15.442 | 0.0 | 150.562 | 12.552 | 0.0 | 65.287 | 14.333 | 0.0 | 1.4 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.159 | 0.0 |
| 50 | 11863 | 11864 | NS | 1 | 0.0 | 259.02 | 6.67 | 0.0 | 23.731 | 8.37 | 0.0 | 278.979 | 3.344 | 0.0 | 75.34 | 4.555 | 0.0 | 1.422 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.157 | 0.0 |
| 51 | 11863 | 11864 | NS | 1 | 0.0 | 67.986 | 10.503 | 0.0 | 31.893 | 15.517 | 0.0 | 147.728 | 12.606 | 0.0 | 65.287 | 14.336 | 0.0 | 1.401 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.156 | 0.0 |
| 52 | 11863 | 11864 | SN | 1 | 0.0 | 31.788 | 12.188 | 0.0 | 56.344 | 13.61 | 0.0 | 89.95 | 8.17 | 0.0 | 59.049 | 10.592 | 0.0 | 1.425 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.105 | 0.0 |
| 53 | 11863 | 11864 | SN | 1 | 0.0 | 23.284 | 5.143 | 0.0 | 232.703 | 6.468 | 0.0 | 77.574 | 1.406 | 0.0 | 137.765 | 1.865 | 0.0 | 1.414 | 0.0 | 0.0 | 1.752 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.105 | 0.0 |
| 54 | 11864 | 11865 | SN | 1 | 0.0 | 28.546 | 12.306 | 0.0 | 23.356 | 13.177 | 0.0 | 89.536 | 8.552 | 0.0 | 107.088 | 9.675 | 0.0 | 1.424 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.103 | 0.0 |
| 55 | 11864 | 11865 | NS | 1 | 0.0 | 118.6 | 6.744 | 0.0 | 23.737 | 8.38 | 0.0 | 238.582 | 3.439 | 0.0 | 68.601 | 4.551 | 0.0 | 1.426 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.157 | 0.0 |
| 56 | 11864 | 11865 | NS | 1 | 0.0 | 271.071 | 10.53 | 0.0 | 30.151 | 15.517 | 0.0 | 215.204 | 12.595 | 0.0 | 73.531 | 14.348 | 0.0 | 1.4 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.156 | 0.0 |
| 57 | 11864 | 11865 | SN | 1 | 0.0 | 23.284 | 5.182 | 0.0 | 25.59 | 6.439 | 0.0 | 80.569 | 1.35 | 0.0 | 11.648 | 1.877 | 0.0 | 1.414 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.104 | 0.0 |
| 58 | 11864 | 11865 | SN | 1 | 0.0 | 28.546 | 12.217 | 0.0 | 23.356 | 13.518 | 0.0 | 89.536 | 8.061 | 0.0 | 107.088 | 10.559 | 0.0 | 1.424 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.103 | 0.0 |
| 59 | 11864 | 11865 | SN | 1 | 0.0 | 23.284 | 5.061 | 0.0 | 25.59 | 6.492 | 0.0 | 80.569 | 1.245 | 0.0 | 56.981 | 2.002 | 0.0 | 1.414 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.104 | 0.0 |
| 60 | 11865 | 11866 | NS | 1 | 0.0 | 120.473 | 6.78 | 0.0 | 23.737 | 8.412 | 0.0 | 204.124 | 3.475 | 0.0 | 68.441 | 4.544 | 0.0 | 1.424 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.158 | 0.0 |
| 61 | 11865 | 11866 | SN | 1 | 0.0 | 23.279 | 5.093 | 0.0 | 25.479 | 6.489 | 0.0 | 72.853 | 1.201 | 0.0 | 94.764 | 1.955 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.104 | 0.0 |
| 62 | 11865 | 11866 | SN | 1 | 0.0 | 23.279 | 5.093 | 0.0 | 25.479 | 6.489 | 0.0 | 72.853 | 1.201 | 0.0 | 94.764 | 1.956 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.104 | 0.0 |
| 63 | 11865 | 11866 | SN | 1 | 0.0 | 28.54 | 12.238 | 0.0 | 79.888 | 13.508 | 0.0 | 90.468 | 7.968 | 0.0 | 59.093 | 10.58 | 0.0 | 1.424 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.102 | 0.0 |
| 64 | 11865 | 11866 | NS | 1 | 0.0 | 125.491 | 10.493 | 0.0 | 31.601 | 15.486 | 0.0 | 195.664 | 12.685 | 0.0 | 68.028 | 14.365 | 0.0 | 1.4 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.159 | 0.0 |
| 65 | 11865 | 11866 | SN | 1 | 0.0 | 28.54 | 12.238 | 0.0 | 79.888 | 13.508 | 0.0 | 90.468 | 7.968 | 0.0 | 59.093 | 10.58 | 0.0 | 1.424 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.102 | 0.0 |
| 66 | 11865 | 11866 | NS | 1 | 0.0 | 176.083 | 6.784 | 0.0 | 23.72 | 8.412 | 0.0 | 240.297 | 3.483 | 0.0 | 139.039 | 4.546 | 0.0 | 1.424 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.158 | 0.0 |
| 67 | 11866 | 11867 | SN | 1 | 0.0 | 23.262 | 5.119 | 0.0 | 154.042 | 6.494 | 0.0 | 142.745 | 1.18 | 0.0 | 73.554 | 1.935 | 0.0 | 1.414 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 2.104 | 0.0 |
| 68 | 11866 | 11867 | NS | 1 | 0.0 | 43.461 | 10.522 | 0.0 | 31.584 | 15.466 | 0.0 | 353.277 | 12.69 | 0.0 | 68.215 | 14.385 | 0.0 | 1.403 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.158 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 11866 | 11867 | NS | 1 | 0.0 | 43.461 | 10.522 | 0.0 | 31.584 | 15.466 | 0.0 | 353.277 | 12.69 | 0.0 | 68.215 | 14.385 | 0.0 | 1.403 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.158 | 0.0 |
| 70 | 11866 | 11867 | SN | 1 | 0.0 | 23.262 | 5.119 | 0.0 | 154.042 | 6.494 | 0.0 | 142.745 | 1.18 | 0.0 | 73.554 | 1.935 | 0.0 | 1.414 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 2.104 | 0.0 |
| 71 | 11866 | 11867 | NS | 1 | 0.0 | 53.846 | 6.755 | 0.0 | 23.748 | 8.386 | 0.0 | 277.898 | 3.46 | 0.0 | 67.206 | 4.56 | 0.0 | 1.423 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.158 | 0.0 |
| 72 | 11866 | 11867 | NS | 1 | 0.0 | 53.846 | 6.755 | 0.0 | 23.748 | 8.386 | 0.0 | 277.898 | 3.46 | 0.0 | 67.206 | 4.56 | 0.0 | 1.423 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.158 | 0.0 |
| 73 | 11866 | 11867 | SN | 1 | 0.0 | 31.584 | 12.227 | 0.0 | 23.351 | 13.488 | 0.0 | 152.738 | 7.853 | 0.0 | 38.285 | 10.649 | 0.0 | 1.424 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.103 | 0.0 |
| 74 | 11866 | 11867 | SN | 1 | 0.0 | 31.584 | 12.227 | 0.0 | 23.351 | 13.488 | 0.0 | 152.738 | 7.853 | 0.0 | 38.285 | 10.649 | 0.0 | 1.424 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.103 | 0.0 |
| 75 | 11867 | 11868 | SN | 1 | 0.0 | 31.728 | 12.171 | 0.0 | 33.832 | 13.53 | 0.0 | 114.916 | 7.894 | 0.0 | 39.14 | 10.571 | 0.0 | 1.424 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.104 | 0.0 |
| 76 | 11867 | 11868 | NS | 1 | 0.0 | 218.094 | 6.808 | 0.0 | 23.759 | 8.369 | 0.0 | 322.752 | 3.466 | 0.0 | 132.597 | 4.569 | 0.0 | 1.423 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.158 | 0.0 |
| 77 | 11867 | 11868 | NS | 1 | 0.0 | 125.177 | 10.486 | 0.0 | 31.645 | 15.421 | 0.0 | 140.834 | 12.687 | 0.0 | 67.862 | 14.312 | 0.0 | 1.4 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.156 | 0.0 |
| 78 | 11867 | 11868 | SN | 1 | 0.0 | 23.268 | 5.118 | 0.0 | 20.789 | 6.482 | 0.0 | 167.766 | 1.181 | 0.0 | 71.044 | 1.955 | 0.0 | 1.414 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.104 | 0.0 |
| 79 | 11867 | 11868 | NS | 1 | 0.0 | 125.177 | 10.486 | 0.0 | 31.645 | 15.421 | 0.0 | 140.834 | 12.687 | 0.0 | 67.862 | 14.312 | 0.0 | 1.4 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.156 | 0.0 |
| 80 | 11867 | 11868 | NS | 1 | 0.0 | 218.094 | 6.808 | 0.0 | 23.759 | 8.369 | 0.0 | 322.752 | 3.466 | 0.0 | 132.597 | 4.569 | 0.0 | 1.423 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.158 | 0.0 |
| 81 | 11868 | 11869 | NS | 1 | 0.0 | 118.892 | 6.807 | 0.0 | 23.726 | 8.433 | 0.0 | 315.67 | 3.503 | 0.0 | 112.771 | 4.576 | 0.0 | 1.424 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.159 | 0.0 |
| 82 | 11868 | 11869 | NS | 1 | 0.0 | 102.185 | 10.415 | 0.0 | 31.673 | 15.472 | 0.0 | 149.575 | 12.666 | 0.0 | 64.117 | 14.358 | 0.0 | 1.4 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.159 | 0.0 |
| 83 | 11868 | 11869 | NS | 1 | 0.0 | 118.892 | 6.86 | 0.0 | 23.726 | 8.461 | 0.0 | 315.67 | 3.561 | 0.0 | 14.664 | 4.475 | 0.0 | 1.424 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.159 | 0.0 |
| 84 | 11868 | 11869 | NS | 1 | 0.0 | 102.185 | 10.415 | 0.0 | 31.673 | 15.472 | 0.0 | 149.575 | 12.666 | 0.0 | 64.117 | 14.358 | 0.0 | 1.4 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.159 | 0.0 |
| 85 | 11868 | 11869 | SN | 1 | 0.0 | 123.806 | 5.198 | 0.0 | 25.557 | 6.528 | 0.0 | 125.935 | 1.311 | 0.0 | 72.062 | 1.953 | 0.0 | 1.417 | 0.0 | 0.0 | 1.753 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.105 | 0.0 |
| 86 | 11868 | 11869 | NS | 1 | 0.0 | 102.185 | 10.421 | 0.0 | 28.071 | 15.247 | 0.0 | 149.575 | 12.827 | 0.0 | 18.806 | 14.104 | 0.0 | 1.4 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.159 | 0.0 |
| 87 | 11868 | 11869 | SN | 1 | 0.0 | 123.806 | 12.439 | 0.0 | 46.607 | 13.536 | 0.0 | 126.426 | 8.137 | 0.0 | 68.717 | 10.656 | 0.0 | 1.423 | 0.0 | 0.0 | 1.754 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.102 | 0.0 |
| 88 | 11868 | 11869 | NS | 1 | 0.0 | 118.892 | 6.807 | 0.0 | 23.726 | 8.433 | 0.0 | 315.67 | 3.503 | 0.0 | 112.771 | 4.576 | 0.0 | 1.424 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.159 | 0.0 |
| 89 | 11869 | 11870 | SN | 1 | 0.0 | 31.772 | 12.217 | 0.0 | 89.153 | 13.518 | 0.0 | 121.065 | 7.91 | 0.0 | 113.711 | 10.656 | 0.0 | 1.423 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.104 | 0.0 |
| 90 | 11869 | 11870 | NS | 1 | 0.0 | 125.519 | 10.467 | 0.0 | 28.071 | 15.058 | 0.0 | 198.168 | 12.998 | 0.0 | 15.607 | 13.871 | 0.0 | 1.4 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.16 | 0.0 |
| 91 | 11869 | 11870 | NS | 1 | 0.0 | 125.519 | 10.425 | 0.0 | 31.7 | 15.442 | 0.0 | 198.168 | 12.686 | 0.0 | 66.07 | 14.362 | 0.0 | 1.4 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.16 | 0.0 |
| 92 | 11869 | 11870 | NS | 1 | 0.0 | 122.783 | 6.955 | 0.0 | 23.731 | 8.456 | 0.0 | 349.88 | 3.701 | 0.0 | 14.317 | 4.445 | 0.0 | 1.423 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.16 | 0.0 |
| 93 | 11869 | 11870 | SN | 1 | 0.0 | 23.257 | 5.092 | 0.0 | 240.744 | 6.522 | 0.0 | 166.487 | 1.199 | 0.0 | 112.36 | 1.965 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.103 | 0.0 |
| 94 | 11869 | 11870 | NS | 1 | 0.0 | 122.783 | 6.852 | 0.0 | 23.731 | 8.429 | 0.0 | 349.88 | 3.585 | 0.0 | 76.41 | 4.532 | 0.0 | 1.423 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.16 | 0.0 |
| 95 | 11869 | 11870 | SN | 1 | 0.0 | 31.772 | 12.217 | 0.0 | 89.153 | 13.518 | 0.0 | 121.065 | 7.91 | 0.0 | 113.711 | 10.656 | 0.0 | 1.423 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.104 | 0.0 |
| 96 | 11869 | 11870 | NS | 1 | 0.0 | 125.519 | 10.425 | 0.0 | 31.695 | 15.442 | 0.0 | 198.168 | 12.686 | 0.0 | 66.086 | 14.362 | 0.0 | 1.4 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.16 | 0.0 |
| 97 | 11869 | 11870 | SN | 1 | 0.0 | 23.257 | 5.092 | 0.0 | 240.744 | 6.522 | 0.0 | 166.487 | 1.199 | 0.0 | 112.36 | 1.965 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.103 | 0.0 |
| 98 | 11869 | 11870 | NS | 1 | 0.0 | 122.783 | 6.849 | 0.0 | 23.731 | 8.429 | 0.0 | 349.88 | 3.585 | 0.0 | 132.531 | 4.532 | 0.0 | 1.423 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.16 | 0.0 |
| 99 | 11870 | 11871 | NS | 1 | 0.0 | 66.423 | 7.139 | 0.0 | 23.742 | 8.529 | 0.0 | 228.059 | 3.886 | 0.0 | 14.317 | 4.495 | 0.0 | 1.423 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.159 | 0.0 |
| 100 | 11870 | 11871 | NS | 1 | 0.0 | 67.942 | 10.419 | 0.0 | 31.64 | 15.515 | 0.0 | 137.696 | 12.691 | 0.0 | 74.441 | 14.347 | 0.0 | 1.401 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.158 | 0.0 |
| 101 | 11870 | 11871 | SN | 1 | 0.0 | 31.805 | 12.146 | 0.0 | 24.045 | 13.499 | 0.0 | 95.161 | 7.798 | 0.0 | 47.727 | 10.685 | 0.0 | 1.426 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.104 | 0.0 |
| 102 | 11870 | 11871 | SN | 1 | 0.0 | 31.805 | 12.146 | 0.0 | 24.045 | 13.499 | 0.0 | 95.161 | 7.798 | 0.0 | 47.727 | 10.685 | 0.0 | 1.426 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.104 | 0.0 |
| 103 | 11870 | 11871 | NS | 1 | 0.0 | 67.942 | 10.554 | 0.0 | 28.049 | 14.902 | 0.0 | 137.696 | 13.384 | 0.0 | 14.664 | 13.571 | 0.0 | 1.401 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.158 | 0.0 |
| 104 | 11870 | 11871 | NS | 1 | 0.0 | 67.942 | 10.419 | 0.0 | 31.645 | 15.515 | 0.0 | 137.657 | 12.705 | 0.0 | 74.469 | 14.34 | 0.0 | 1.401 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.158 | 0.0 |
| 105 | 11870 | 11871 | SN | 1 | 0.0 | 23.251 | 5.057 | 0.0 | 20.455 | 6.475 | 0.0 | 139.386 | 1.133 | 0.0 | 137.869 | 1.962 | 0.0 | 1.414 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 2.104 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 11870 | 11871 | NS | 1 | 0.0 | 66.423 | 6.894 | 0.0 | 23.742 | 8.462 | 0.0 | 228.059 | 3.615 | 0.0 | 129.117 | 4.543 | 0.0 | 1.423 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.159 | 0.0 |
| 107 | 11870 | 11871 | NS | 1 | 0.0 | 66.423 | 6.901 | 0.0 | 23.742 | 8.46 | 0.0 | 228.059 | 3.619 | 0.0 | 129.09 | 4.547 | 0.0 | 1.423 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.159 | 0.0 |
| 108 | 11870 | 11871 | SN | 1 | 0.0 | 23.251 | 5.057 | 0.0 | 20.455 | 6.475 | 0.0 | 139.386 | 1.133 | 0.0 | 137.869 | 1.962 | 0.0 | 1.414 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 2.104 | 0.0 |
| 109 | 11871 | 11872 | NS | 1 | 0.0 | 45.573 | 6.908 | 0.0 | 23.72 | 8.469 | 0.0 | 140.652 | 3.629 | 0.0 | 118.843 | 4.592 | 0.0 | 1.423 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.16 | 0.0 |
| 110 | 11871 | 11872 | SN | 1 | 0.0 | 28.513 | 12.236 | 0.0 | 144.926 | 13.538 | 0.0 | 122.973 | 7.911 | 0.0 | 218.226 | 10.702 | 0.0 | 1.424 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.103 | 0.0 |
| 111 | 11871 | 11872 | NS | 1 | 0.0 | 23.93 | 10.449 | 0.0 | 31.623 | 15.54 | 0.0 | 264.215 | 12.723 | 0.0 | 75.765 | 14.462 | 0.0 | 1.402 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.16 | 0.0 |
| 112 | 11871 | 11872 | SN | 1 | 0.0 | 23.262 | 5.111 | 0.0 | 164.422 | 6.521 | 0.0 | 123.481 | 1.123 | 0.0 | 170.218 | 1.894 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.103 | 0.0 |
| 113 | 11871 | 11872 | SN | 1 | 0.0 | 23.262 | 5.118 | 0.0 | 164.422 | 6.514 | 0.0 | 125.168 | 1.109 | 0.0 | 42.692 | 1.898 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.103 | 0.0 |
| 114 | 11871 | 11872 | NS | 1 | 0.0 | 23.93 | 10.56 | 0.0 | 28.049 | 14.84 | 0.0 | 264.215 | 13.923 | 0.0 | 14.664 | 13.501 | 0.0 | 1.402 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.16 | 0.0 |
| 115 | 11871 | 11872 | SN | 1 | 0.0 | 28.513 | 12.398 | 0.0 | 144.926 | 13.116 | 0.0 | 123.062 | 8.47 | 0.0 | 129.749 | 9.788 | 0.0 | 1.424 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.102 | 0.0 |
| 116 | 11871 | 11872 | SN | 1 | 0.0 | 23.262 | 5.259 | 0.0 | 164.422 | 6.471 | 0.0 | 123.481 | 1.232 | 0.0 | 170.218 | 1.803 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.103 | 0.0 |
| 117 | 11871 | 11872 | NS | 1 | 0.0 | 45.573 | 7.368 | 0.0 | 23.72 | 8.648 | 0.0 | 140.652 | 4.121 | 0.0 | 14.317 | 4.668 | 0.0 | 1.423 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.16 | 0.0 |
| 118 | 11871 | 11872 | NS | 1 | 0.0 | 23.93 | 10.459 | 0.0 | 31.629 | 15.54 | 0.0 | 264.215 | 12.709 | 0.0 | 75.732 | 14.469 | 0.0 | 1.402 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.16 | 0.0 |
| 119 | 11871 | 11872 | NS | 1 | 0.0 | 45.573 | 6.909 | 0.0 | 23.72 | 8.489 | 0.0 | 140.652 | 3.629 | 0.0 | 69.748 | 4.586 | 0.0 | 1.423 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.16 | 0.0 |
| 120 | 11871 | 11872 | SN | 1 | 0.0 | 28.513 | 12.237 | 0.0 | 144.926 | 13.528 | 0.0 | 123.062 | 7.911 | 0.0 | 218.226 | 10.709 | 0.0 | 1.424 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.102 | 0.0 |
| 121 | 11872 | 11873 | NS | 1 | 0.0 | 40.836 | 10.419 | 0.0 | 28.082 | 15.479 | 0.0 | 353.266 | 12.746 | 0.0 | 69.903 | 14.435 | 0.0 | 1.402 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.16 | 0.0 |
| 122 | 11872 | 11873 | SN | 1 | 0.0 | 23.262 | 5.213 | 0.0 | 266.802 | 6.445 | 0.0 | 129.972 | 1.152 | 0.0 | 11.659 | 1.742 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.102 | 0.0 |
| 123 | 11872 | 11873 | NS | 1 | 0.0 | 23.494 | 6.91 | 0.0 | 23.72 | 8.43 | 0.0 | 355.461 | 3.636 | 0.0 | 75.886 | 4.561 | 0.0 | 1.434 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.165 | 0.0 |
| 124 | 11872 | 11873 | NS | 1 | 0.0 | 201.457 | 6.913 | 0.0 | 23.726 | 8.434 | 0.0 | 139.279 | 3.63 | 0.0 | 68.75 | 4.553 | 0.0 | 1.427 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.16 | 0.0 |
| 125 | 11872 | 11873 | SN | 1 | 0.0 | 23.262 | 5.213 | 0.0 | 266.802 | 6.445 | 0.0 | 129.972 | 1.152 | 0.0 | 11.659 | 1.742 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.102 | 0.0 |
| 126 | 11872 | 11873 | SN | 1 | 0.0 | 23.262 | 5.131 | 0.0 | 266.802 | 6.503 | 0.0 | 129.972 | 1.093 | 0.0 | 73.984 | 1.909 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.102 | 0.0 |
| 127 | 11872 | 11873 | SN | 1 | 0.0 | 31.656 | 12.212 | 0.0 | 275.979 | 13.169 | 0.0 | 118.639 | 8.061 | 0.0 | 13.528 | 10.003 | 0.0 | 1.423 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.101 | 0.0 |
| 128 | 11872 | 11873 | SN | 1 | 0.0 | 23.262 | 5.119 | 0.0 | 266.813 | 6.496 | 0.0 | 129.884 | 1.091 | 0.0 | 73.984 | 1.907 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 2.102 | 0.0 |
| 129 | 11872 | 11873 | SN | 1 | 0.0 | 31.656 | 12.172 | 0.0 | 275.979 | 13.489 | 0.0 | 118.639 | 7.785 | 0.0 | 38.517 | 10.691 | 0.0 | 1.423 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.101 | 0.0 |
| 130 | 11872 | 11873 | NS | 1 | 0.0 | 40.836 | 10.423 | 0.0 | 31.584 | 15.466 | 0.0 | 355.461 | 12.728 | 0.0 | 73.57 | 14.418 | 0.0 | 1.407 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.16 | 0.0 |
| 131 | 11872 | 11873 | SN | 1 | 0.0 | 31.662 | 12.204 | 0.0 | 275.984 | 13.519 | 0.0 | 118.484 | 7.785 | 0.0 | 38.517 | 10.713 | 0.0 | 1.424 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.101 | 0.0 |
| 132 | 11872 | 11873 | SN | 1 | 0.0 | 31.656 | 12.212 | 0.0 | 275.979 | 13.169 | 0.0 | 118.639 | 8.061 | 0.0 | 13.528 | 10.003 | 0.0 | 1.423 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.101 | 0.0 |
| 133 | 11873 | 11874 | SN | 1 | 0.0 | 23.268 | 5.132 | 0.0 | 171.434 | 6.539 | 0.0 | 127.441 | 1.121 | 0.0 | 77.329 | 1.915 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.104 | 0.0 |
| 134 | 11873 | 11874 | SN | 1 | 0.0 | 31.695 | 12.234 | 0.662 | 33.12 | 13.332 | 0.0 | 84.087 | 7.983 | 0.0 | 50.57 | 10.515 | 0.0 | 1.424 | 0.0 | 0.003 | 1.751 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.105 | 0.0 |
| 135 | 11873 | 11874 | SN | 1 | 0.0 | 31.695 | 12.228 | 0.662 | 33.12 | 13.506 | 0.0 | 84.087 | 7.905 | 0.0 | 67.895 | 10.797 | 0.0 | 1.424 | 0.0 | 0.003 | 1.751 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.105 | 0.0 |
| 136 | 11873 | 11874 | SN | 1 | 0.0 | 31.695 | 12.228 | 0.662 | 33.12 | 13.506 | 0.0 | 84.087 | 7.905 | 0.0 | 67.895 | 10.797 | 0.0 | 1.424 | 0.0 | 0.003 | 1.751 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.105 | 0.0 |
| 137 | 11873 | 11874 | SN | 1 | 0.0 | 23.268 | 5.132 | 0.0 | 171.434 | 6.537 | 0.0 | 127.441 | 1.121 | 0.0 | 77.329 | 1.915 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.104 | 0.0 |
| 138 | 11873 | 11874 | NS | 1 | 0.0 | 23.488 | 6.88 | 0.0 | 23.726 | 8.379 | 0.0 | 163.037 | 3.564 | 0.0 | 74.419 | 4.5 | 0.0 | 1.426 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.16 | 0.0 |
| 139 | 11873 | 11874 | NS | 1 | 0.0 | 23.488 | 6.88 | 0.0 | 23.726 | 8.379 | 0.0 | 163.037 | 3.564 | 0.0 | 74.419 | 4.5 | 0.0 | 1.426 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.16 | 0.0 |
| 140 | 11873 | 11874 | NS | 1 | 0.0 | 45.022 | 10.465 | 0.0 | 28.22 | 15.432 | 0.0 | 353.647 | 12.685 | 0.0 | 73.769 | 14.308 | 0.0 | 1.402 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.16 | 0.0 |
| 141 | 11873 | 11874 | NS | 1 | 0.0 | 45.022 | 10.465 | 0.0 | 28.22 | 15.432 | 0.0 | 353.647 | 12.685 | 0.0 | 73.769 | 14.308 | 0.0 | 1.402 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.16 | 0.0 |
| 142 | 11873 | 11874 | SN | 1 | 0.0 | 23.268 | 5.159 | 0.0 | 171.434 | 6.516 | 0.0 | 127.441 | 1.139 | 0.0 | 77.329 | 1.809 | 0.0 | 1.413 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.104 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 143 | 11874 | 11875 | SN | 1 | 0.0 | 31.176 | 12.226 | 0.0 | 235.896 | 13.507 | 0.0 | 91.367 | 8.0 | 0.0 | 19.986 | 10.485 | 0.0 | 1.424 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.105 | 0.0 |
| 144 | 11874 | 11875 | SN | 1 | 0.0 | 23.273 | 5.094 | 0.0 | 198.697 | 6.53 | 0.0 | 126.36 | 1.142 | 0.0 | 65.678 | 1.985 | 0.0 | 1.413 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.104 | 0.0 |
| 145 | 11874 | 11875 | NS | 1 | 0.0 | 255.871 | 6.89 | 0.0 | 23.703 | 8.421 | 0.0 | 349.621 | 3.558 | 0.0 | 75.914 | 4.5 | 0.0 | 1.428 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.16 | 0.0 |
| 146 | 11874 | 11875 | NS | 1 | 0.0 | 154.853 | 6.886 | 0.0 | 23.703 | 8.418 | 0.0 | 349.621 | 3.562 | 0.0 | 75.903 | 4.507 | 0.0 | 1.428 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.16 | 0.0 |
| 147 | 11874 | 11875 | NS | 1 | 0.0 | 23.874 | 10.415 | 0.0 | 31.75 | 15.472 | 0.0 | 142.417 | 12.722 | 0.0 | 65.7 | 14.312 | 0.0 | 1.403 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.156 | 0.0 |
| 148 | 11874 | 11875 | SN | 1 | 0.0 | 23.273 | 5.117 | 0.0 | 198.697 | 6.51 | 0.0 | 126.36 | 1.158 | 0.0 | 12.723 | 1.875 | 0.0 | 1.413 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.104 | 0.0 |
| 149 | 11874 | 11875 | SN | 1 | 0.0 | 23.273 | 5.117 | 0.0 | 198.697 | 6.51 | 0.0 | 126.36 | 1.158 | 0.0 | 13.92 | 1.878 | 0.0 | 1.413 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.104 | 0.0 |
| 150 | 11874 | 11875 | NS | 1 | 0.0 | 23.874 | 10.415 | 0.0 | 31.75 | 15.472 | 0.0 | 142.406 | 12.722 | 0.0 | 65.706 | 14.333 | 0.0 | 1.403 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.156 | 0.0 |
| 151 | 11874 | 11875 | SN | 1 | 0.0 | 31.176 | 12.226 | 0.0 | 235.896 | 13.507 | 0.0 | 91.367 | 8.0 | 0.0 | 19.986 | 10.485 | 0.0 | 1.424 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.105 | 0.0 |
| 152 | 11874 | 11875 | SN | 1 | 0.0 | 31.176 | 12.217 | 0.0 | 235.896 | 13.6 | 0.0 | 91.367 | 7.931 | 0.0 | 57.461 | 10.721 | 0.0 | 1.424 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.105 | 0.0 |
| 153 | 11875 | 11876 | NS | 1 | 0.0 | 41.194 | 10.476 | 0.0 | 31.755 | 15.452 | 0.0 | 181.171 | 12.637 | 0.0 | 73.041 | 14.327 | 0.0 | 1.402 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.156 | 0.0 |
| 154 | 11875 | 11876 | SN | 1 | 0.0 | 23.246 | 5.074 | 0.0 | 198.708 | 6.517 | 0.0 | 81.589 | 1.17 | 0.0 | 45.14 | 1.967 | 0.0 | 1.413 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.103 | 0.0 |
| 155 | 11875 | 11876 | SN | 1 | 0.0 | 31.094 | 12.202 | 0.0 | 235.901 | 13.424 | 0.0 | 82.968 | 7.977 | 0.0 | 18.233 | 10.256 | 0.0 | 1.424 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.104 | 0.0 |
| 156 | 11875 | 11876 | NS | 1 | 0.0 | 51.979 | 6.84 | 0.0 | 23.703 | 8.455 | 0.0 | 350.079 | 3.523 | 0.0 | 77.966 | 4.519 | 0.0 | 1.426 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.16 | 0.0 |
| 157 | 11875 | 11876 | NS | 1 | 0.0 | 51.979 | 6.84 | 0.0 | 23.703 | 8.455 | 0.0 | 350.079 | 3.523 | 0.0 | 77.966 | 4.516 | 0.0 | 1.426 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.16 | 0.0 |
| 158 | 11875 | 11876 | SN | 1 | 0.0 | 31.094 | 12.197 | 0.0 | 235.901 | 13.552 | 0.0 | 82.968 | 7.878 | 0.0 | 58.928 | 10.607 | 0.0 | 1.424 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.104 | 0.0 |
| 159 | 11875 | 11876 | SN | 1 | 0.0 | 23.246 | 5.074 | 0.0 | 198.708 | 6.517 | 0.0 | 81.589 | 1.17 | 0.0 | 45.146 | 1.967 | 0.0 | 1.413 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.103 | 0.0 |
| 160 | 11875 | 11876 | SN | 1 | 0.0 | 31.094 | 12.197 | 0.0 | 235.901 | 13.552 | 0.0 | 82.968 | 7.878 | 0.0 | 58.933 | 10.607 | 0.0 | 1.424 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.104 | 0.0 |
| 161 | 11875 | 11876 | SN | 1 | 0.0 | 23.246 | 5.107 | 0.0 | 198.708 | 6.485 | 0.0 | 81.589 | 1.194 | 0.0 | 11.929 | 1.847 | 0.0 | 1.413 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.103 | 0.0 |
| 162 | 11875 | 11876 | NS | 1 | 0.0 | 41.194 | 10.476 | 0.0 | 31.755 | 15.452 | 0.0 | 181.171 | 12.637 | 0.0 | 73.041 | 14.327 | 0.0 | 1.402 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.156 | 0.0 |
| 163 | 11876 | 11877 | NS | 1 | 0.0 | 53.311 | 10.509 | 0.0 | 31.678 | 15.515 | 0.0 | 143.729 | 12.631 | 0.0 | 80.602 | 14.353 | 0.0 | 1.401 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.159 | 0.0 |
| 164 | 11876 | 11877 | SN | 1 | 0.0 | 28.507 | 12.246 | 0.0 | 46.119 | 13.599 | 0.0 | 87.87 | 7.997 | 0.0 | 74.185 | 10.587 | 0.0 | 1.426 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.1 | 0.0 |
| 165 | 11876 | 11877 | NS | 1 | 0.0 | 206.291 | 6.856 | 0.0 | 23.714 | 8.427 | 0.0 | 174.332 | 3.546 | 0.0 | 67.581 | 4.508 | 0.0 | 1.426 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.158 | 0.0 |
| 166 | 11876 | 11877 | SN | 1 | 0.0 | 28.507 | 12.257 | 0.0 | 46.119 | 13.384 | 0.0 | 87.87 | 8.17 | 0.0 | 74.185 | 10.103 | 0.0 | 1.426 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.1 | 0.0 |
| 167 | 11876 | 11877 | SN | 1 | 0.0 | 23.257 | 5.1 | 0.0 | 46.114 | 6.487 | 0.0 | 77.585 | 1.209 | 0.0 | 259.572 | 1.799 | 0.0 | 1.415 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.103 | 0.0 |
| 168 | 11876 | 11877 | SN | 1 | 0.0 | 23.257 | 5.057 | 0.0 | 46.114 | 6.522 | 0.0 | 77.585 | 1.173 | 0.0 | 259.572 | 1.954 | 0.0 | 1.415 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.103 | 0.0 |
| 169 | 11876 | 11877 | SN | 1 | 0.0 | 23.257 | 5.057 | 0.0 | 46.114 | 6.522 | 0.0 | 77.585 | 1.173 | 0.0 | 259.572 | 1.954 | 0.0 | 1.415 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.103 | 0.0 |
| 170 | 11876 | 11877 | NS | 1 | 0.0 | 242.348 | 10.499 | 0.0 | 31.678 | 15.515 | 0.0 | 143.757 | 12.638 | 0.0 | 80.591 | 14.346 | 0.0 | 1.401 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.159 | 0.0 |
| 171 | 11876 | 11877 | SN | 1 | 0.0 | 28.507 | 12.246 | 0.0 | 46.119 | 13.599 | 0.0 | 87.87 | 7.997 | 0.0 | 74.185 | 10.587 | 0.0 | 1.426 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.1 | 0.0 |
| 172 | 11876 | 11877 | NS | 1 | 0.0 | 67.915 | 6.849 | 0.0 | 23.714 | 8.436 | 0.0 | 174.332 | 3.545 | 0.0 | 67.586 | 4.506 | 0.0 | 1.425 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.158 | 0.0 |
| 173 | 11877 | 11878 | SN | 1 | 0.0 | 23.262 | 5.059 | 0.0 | 19.209 | 6.533 | 0.0 | 81.302 | 1.151 | 0.0 | 175.077 | 1.944 | 0.0 | 1.414 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 2.103 | 0.0 |
| 174 | 11877 | 11878 | NS | 1 | 0.0 | 145.731 | 6.875 | 0.0 | 23.726 | 8.432 | 0.0 | 263.093 | 3.586 | 0.0 | 137.114 | 4.537 | 0.0 | 1.429 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.159 | 0.0 |
| 175 | 11877 | 11878 | SN | 1 | 0.0 | 23.262 | 5.127 | 0.0 | 19.209 | 6.479 | 0.0 | 81.302 | 1.206 | 0.0 | 175.077 | 1.798 | 0.0 | 1.414 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 2.103 | 0.0 |
| 176 | 11877 | 11878 | NS | 1 | 0.0 | 96.19 | 10.449 | 0.0 | 31.629 | 15.483 | 0.0 | 355.312 | 12.688 | 0.0 | 71.359 | 14.354 | 0.0 | 1.403 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.158 | 0.0 |
| 177 | 11877 | 11878 | SN | 1 | 0.0 | 28.507 | 12.281 | 0.0 | 23.356 | 13.257 | 0.0 | 87.904 | 8.195 | 0.0 | 108.924 | 10.027 | 0.0 | 1.425 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.104 | 0.0 |
| 178 | 11877 | 11878 | SN | 1 | 0.0 | 23.262 | 5.059 | 0.0 | 19.209 | 6.533 | 0.0 | 81.302 | 1.151 | 0.0 | 175.077 | 1.946 | 0.0 | 1.414 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 2.103 | 0.0 |
| 179 | 11877 | 11878 | NS | 1 | 0.0 | 242.508 | 6.871 | 0.0 | 23.72 | 8.438 | 0.0 | 355.312 | 3.582 | 0.0 | 70.101 | 4.533 | 0.0 | 1.426 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.159 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 180 | 11877 | 11878 | NS | 1 | 0.0 | 95.365 | 10.444 | 0.0 | 28.082 | 15.511 | 0.0 | 145.72 | 12.691 | 0.0 | 67.498 | 14.399 | 0.0 | 1.403 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.155 | 0.0 |
| 181 | 11877 | 11878 | SN | 1 | 0.0 | 28.507 | 12.246 | 0.0 | 23.356 | 13.528 | 0.0 | 87.904 | 7.947 | 0.0 | 108.924 | 10.673 | 0.0 | 1.425 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.104 | 0.0 |
| 182 | 11877 | 11878 | SN | 1 | 0.0 | 28.507 | 12.246 | 0.0 | 23.356 | 13.528 | 0.0 | 87.904 | 7.94 | 0.0 | 108.924 | 10.673 | 0.0 | 1.425 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.104 | 0.0 |
| 183 | 11878 | 11879 | SN | 1 | 0.0 | 23.251 | 5.094 | 0.0 | 20.179 | 6.539 | 0.0 | 105.408 | 1.147 | 0.0 | 74.353 | 1.938 | 0.0 | 1.414 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.103 | 0.0 |
| 184 | 11878 | 11879 | SN | 1 | 0.0 | 23.251 | 5.094 | 0.0 | 20.179 | 6.539 | 0.0 | 105.408 | 1.147 | 0.0 | 74.353 | 1.938 | 0.0 | 1.414 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.103 | 0.0 |
| 185 | 11878 | 11879 | NS | 1 | 0.0 | 23.885 | 10.419 | 0.0 | 28.088 | 15.491 | 0.0 | 353.327 | 12.71 | 0.0 | 70.234 | 14.399 | 0.0 | 1.401 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.159 | 0.0 |
| 186 | 11878 | 11879 | SN | 1 | 0.0 | 23.251 | 5.139 | 0.0 | 19.198 | 6.504 | 0.0 | 105.408 | 1.184 | 0.0 | 57.946 | 1.78 | 0.0 | 1.414 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.103 | 0.0 |
| 187 | 11878 | 11879 | SN | 1 | 0.0 | 31.656 | 12.234 | 0.667 | 23.356 | 13.449 | 0.0 | 86.227 | 7.894 | 0.0 | 38.577 | 10.634 | 0.0 | 1.426 | 0.0 | 0.005 | 1.751 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.101 | 0.0 |
| 188 | 11878 | 11879 | NS | 1 | 0.0 | 23.88 | 10.429 | 0.0 | 28.088 | 15.491 | 0.0 | 353.327 | 12.731 | 0.0 | 70.245 | 14.399 | 0.0 | 1.402 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.16 | 0.0 |
| 189 | 11878 | 11879 | NS | 1 | 0.0 | 23.499 | 6.892 | 0.0 | 23.726 | 8.436 | 0.0 | 321.241 | 3.609 | 0.0 | 69.064 | 4.544 | 0.0 | 1.422 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.16 | 0.0 |
| 190 | 11878 | 11879 | NS | 1 | 0.0 | 23.499 | 6.894 | 0.0 | 23.731 | 8.441 | 0.0 | 321.268 | 3.61 | 0.0 | 69.064 | 4.555 | 0.0 | 1.422 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.16 | 0.0 |
| 191 | 11878 | 11879 | SN | 1 | 0.0 | 31.656 | 12.227 | 0.667 | 23.356 | 13.166 | 0.0 | 86.227 | 8.048 | 0.0 | 25.256 | 10.136 | 0.0 | 1.426 | 0.0 | 0.005 | 1.751 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.101 | 0.0 |
| 192 | 11878 | 11879 | SN | 1 | 0.0 | 31.656 | 12.234 | 0.667 | 23.356 | 13.449 | 0.0 | 86.227 | 7.894 | 0.0 | 38.577 | 10.634 | 0.0 | 1.426 | 0.0 | 0.005 | 1.751 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.101 | 0.0 |
| 193 | 11879 | 11880 | SN | 1 | 0.0 | 31.612 | 12.228 | 0.0 | 182.13 | 13.403 | 0.0 | 81.258 | 7.842 | 0.0 | 68.232 | 10.786 | 0.0 | 1.417 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.099 | 0.0 |
| 194 | 11879 | 11880 | NS | 1 | 0.0 | 116.995 | 6.926 | 0.0 | 23.726 | 8.412 | 0.0 | 315.053 | 3.571 | 0.0 | 66.781 | 4.523 | 0.0 | 1.422 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.16 | 0.0 |
| 195 | 11879 | 11880 | NS | 1 | 0.0 | 116.995 | 6.926 | 0.0 | 23.726 | 8.412 | 0.0 | 315.053 | 3.571 | 0.0 | 66.781 | 4.523 | 0.0 | 1.422 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.16 | 0.0 |
| 196 | 11879 | 11880 | SN | 1 | 0.0 | 23.246 | 5.133 | 0.0 | 162.739 | 6.536 | 0.0 | 74.287 | 1.082 | 0.0 | 58.884 | 1.873 | 0.0 | 1.414 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.103 | 0.0 |
| 197 | 11879 | 11880 | NS | 1 | 0.0 | 148.941 | 10.383 | 0.0 | 28.088 | 15.413 | 0.0 | 135.517 | 12.573 | 0.0 | 75.313 | 14.337 | 0.0 | 1.402 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.16 | 0.0 |
| 198 | 11879 | 11880 | NS | 1 | 0.0 | 148.941 | 10.383 | 0.0 | 28.088 | 15.413 | 0.0 | 135.517 | 12.573 | 0.0 | 75.313 | 14.337 | 0.0 | 1.402 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.16 | 0.0 |
| 199 | 11879 | 11880 | SN | 1 | 0.0 | 31.612 | 12.366 | 0.0 | 182.13 | 12.941 | 0.0 | 81.258 | 8.406 | 0.0 | 58.884 | 9.824 | 0.0 | 1.417 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 2.099 | 0.0 |
| 200 | 11879 | 11880 | SN | 1 | 0.0 | 23.246 | 5.133 | 0.0 | 162.739 | 6.534 | 0.0 | 74.287 | 1.082 | 0.0 | 58.884 | 1.873 | 0.0 | 1.414 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.103 | 0.0 |
| 201 | 11879 | 11880 | SN | 1 | 0.0 | 23.246 | 5.286 | 0.0 | 162.739 | 6.485 | 0.0 | 74.287 | 1.188 | 0.0 | 58.884 | 1.776 | 0.0 | 1.414 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.103 | 0.0 |
| 202 | 11879 | 11880 | SN | 1 | 0.0 | 31.612 | 12.228 | 0.0 | 182.13 | 13.424 | 0.0 | 81.258 | 7.857 | 0.0 | 68.243 | 10.779 | 0.0 | 1.417 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.099 | 0.0 |
| 203 | 11880 | 11881 | NS | 1 | 0.0 | 259.02 | 6.946 | 0.0 | 23.714 | 8.477 | 0.0 | 140.911 | 3.643 | 0.0 | 77.629 | 4.637 | 0.0 | 1.423 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.161 | 0.0 |
| 204 | 11880 | 11881 | SN | 1 | 0.0 | 31.149 | 12.258 | 0.0 | 23.339 | 13.297 | 0.0 | 83.784 | 7.811 | 0.0 | 57.891 | 10.749 | 0.0 | 1.411 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.102 | 0.0 |
| 205 | 11880 | 11881 | SN | 1 | 0.0 | 31.149 | 12.258 | 0.0 | 23.339 | 13.297 | 0.0 | 83.784 | 7.811 | 0.0 | 57.891 | 10.749 | 0.0 | 1.411 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.102 | 0.0 |
| 206 | 11880 | 11881 | SN | 1 | 0.0 | 23.251 | 5.147 | 0.0 | 20.483 | 6.528 | 0.0 | 82.311 | 1.062 | 0.0 | 66.257 | 1.841 | 0.0 | 1.405 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 2.102 | 0.0 |
| 207 | 11880 | 11881 | NS | 1 | 0.0 | 272.471 | 10.466 | 0.0 | 31.766 | 15.431 | 0.0 | 140.646 | 12.715 | 0.0 | 67.046 | 14.349 | 0.0 | 1.401 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.161 | 0.0 |
| 208 | 11880 | 11881 | NS | 1 | 0.0 | 259.02 | 6.962 | 0.0 | 23.714 | 8.466 | 0.0 | 140.911 | 3.65 | 0.0 | 77.657 | 4.626 | 0.0 | 1.423 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.161 | 0.0 |
| 209 | 11880 | 11881 | SN | 1 | 0.0 | 23.251 | 5.147 | 0.0 | 20.483 | 6.528 | 0.0 | 82.311 | 1.062 | 0.0 | 66.257 | 1.841 | 0.0 | 1.405 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 2.102 | 0.0 |
| 210 | 11880 | 11881 | NS | 1 | 0.0 | 272.471 | 10.455 | 0.0 | 31.766 | 15.421 | 0.0 | 140.619 | 12.722 | 0.0 | 67.062 | 14.37 | 0.0 | 1.401 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.161 | 0.0 |
| 211 | 11881 | 11882 | NS | 1 | 0.0 | 175.92 | 6.937 | 0.0 | 23.726 | 8.475 | 0.0 | 151.875 | 3.659 | 0.0 | 130.645 | 4.661 | 0.0 | 1.428 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.16 | 0.0 |
| 212 | 11881 | 11882 | SN | 1 | 0.0 | 23.246 | 5.163 | 0.0 | 237.617 | 6.52 | 0.0 | 104.129 | 1.037 | 0.0 | 47.55 | 1.844 | 0.0 | 1.401 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 2.101 | 0.0 |
| 213 | 11881 | 11882 | SN | 1 | 0.0 | 28.485 | 12.231 | 0.0 | 143.332 | 13.447 | 0.0 | 101.393 | 7.751 | 0.0 | 56.259 | 10.759 | 0.0 | 1.409 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.102 | 0.0 |
| 214 | 11881 | 11882 | NS | 1 | 0.0 | 23.924 | 10.479 | 0.0 | 31.728 | 15.451 | 0.0 | 204.543 | 12.797 | 0.0 | 70.035 | 14.382 | 0.0 | 1.399 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.161 | 0.0 |
| 215 | 11881 | 11882 | NS | 1 | 0.0 | 175.92 | 6.937 | 0.0 | 23.726 | 8.47 | 0.0 | 151.919 | 3.663 | 0.0 | 130.628 | 4.658 | 0.0 | 1.428 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.16 | 0.0 |
| 216 | 11881 | 11882 | NS | 1 | 0.0 | 23.924 | 10.459 | 0.0 | 31.728 | 15.451 | 0.0 | 204.543 | 12.804 | 0.0 | 70.041 | 14.382 | 0.0 | 1.399 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.161 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 217 | 11882 | 11883 | NS | 1 | 0.0 | 256.847 | 10.439 | 0.0 | 31.695 | 15.473 | 0.0 | 202.845 | 12.761 | 0.0 | 71.794 | 14.418 | 0.0 | 1.401 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.161 | 0.0 |
| 218 | 11882 | 11883 | SN | 1 | 0.0 | 62.0 | 5.175 | 0.0 | 192.063 | 6.483 | 0.0 | 76.84 | 1.118 | 0.0 | 187.982 | 1.831 | 0.0 | 1.414 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.101 | 0.0 |
| 219 | 11882 | 11883 | NS | 1 | 0.0 | 253.491 | 6.962 | 0.0 | 23.726 | 8.48 | 0.0 | 271.578 | 3.635 | 0.0 | 133.783 | 4.675 | 0.0 | 1.422 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.16 | 0.0 |
| 220 | 11882 | 11883 | SN | 1 | 0.0 | 44.622 | 12.331 | 0.0 | 76.468 | 13.399 | 0.0 | 92.112 | 7.975 | 0.0 | 265.942 | 10.652 | 0.0 | 1.424 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.103 | 0.0 |
| 221 | 11883 | 11884 | SN | 1 | 0.0 | 23.246 | 5.138 | 0.0 | 77.367 | 6.511 | 0.0 | 93.264 | 1.068 | 0.0 | 59.347 | 1.851 | 0.0 | 1.401 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.101 | 0.0 |
| 222 | 11883 | 11884 | SN | 1 | 0.0 | 28.468 | 12.266 | 0.0 | 38.845 | 13.426 | 0.0 | 125.086 | 7.847 | 0.0 | 58.823 | 10.766 | 0.0 | 1.409 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.099 | 0.0 |
| 223 | 11883 | 11884 | NS | 1 | 0.0 | 211.321 | 10.42 | 0.0 | 31.656 | 15.491 | 0.0 | 355.263 | 12.78 | 0.0 | 72.296 | 14.498 | 0.0 | 1.4 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.161 | 0.0 |
| 224 | 11883 | 11884 | SN | 1 | 0.0 | 23.246 | 5.138 | 0.0 | 77.367 | 6.511 | 0.0 | 93.264 | 1.068 | 0.0 | 59.347 | 1.851 | 0.0 | 1.401 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.101 | 0.0 |
| 225 | 11883 | 11884 | NS | 1 | 0.0 | 160.804 | 6.993 | 0.0 | 23.72 | 8.505 | 0.0 | 174.74 | 3.688 | 0.0 | 119.372 | 4.731 | 0.0 | 1.423 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.161 | 0.0 |
| 226 | 11883 | 11884 | SN | 1 | 0.0 | 28.468 | 12.266 | 0.0 | 38.845 | 13.426 | 0.0 | 125.086 | 7.847 | 0.0 | 58.823 | 10.766 | 0.0 | 1.409 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.099 | 0.0 |
| 227 | 11884 | 11885 | NS | 1 | 0.0 | 122.623 | 6.987 | 0.0 | 23.72 | 8.483 | 0.0 | 269.449 | 3.674 | 0.0 | 134.742 | 4.695 | 0.0 | 1.426 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.162 | 0.0 |
| 228 | 11884 | 11885 | SN | 1 | 0.0 | 31.204 | 12.213 | 0.0 | 23.339 | 13.322 | 0.0 | 107.394 | 7.958 | 0.0 | 48.794 | 10.818 | 0.0 | 1.411 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.102 | 0.0 |
| 229 | 11884 | 11885 | NS | 1 | 0.0 | 122.623 | 6.987 | 0.0 | 23.72 | 8.483 | 0.0 | 269.449 | 3.674 | 0.0 | 134.742 | 4.695 | 0.0 | 1.426 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.162 | 0.0 |
| 230 | 11884 | 11885 | NS | 1 | 0.0 | 261.326 | 10.364 | 0.0 | 28.066 | 15.446 | 0.0 | 269.515 | 12.772 | 0.0 | 65.866 | 14.431 | 0.0 | 1.399 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.161 | 0.0 |
| 231 | 11884 | 11885 | NS | 1 | 0.0 | 261.326 | 10.364 | 0.0 | 28.066 | 15.446 | 0.0 | 269.515 | 12.772 | 0.0 | 65.866 | 14.431 | 0.0 | 1.399 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.161 | 0.0 |
| 232 | 11884 | 11885 | SN | 1 | 0.0 | 31.204 | 12.213 | 0.0 | 23.339 | 13.322 | 0.0 | 107.427 | 7.944 | 0.0 | 48.794 | 10.818 | 0.0 | 1.411 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.102 | 0.0 |
| 233 | 11884 | 11885 | SN | 1 | 0.0 | 23.246 | 5.166 | 0.0 | 20.124 | 6.527 | 0.0 | 140.704 | 1.055 | 0.0 | 231.076 | 1.827 | 0.0 | 1.41 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 2.101 | 0.0 |
| 234 | 11884 | 11885 | SN | 1 | 0.0 | 23.246 | 5.166 | 0.0 | 20.124 | 6.522 | 0.0 | 140.765 | 1.06 | 0.0 | 231.076 | 1.827 | 0.0 | 1.41 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 2.101 | 0.0 |
| 235 | 11885 | 11886 | NS | 1 | 0.0 | 239.674 | 7.029 | 0.0 | 23.714 | 8.559 | 0.0 | 149.068 | 3.708 | 0.0 | 116.405 | 4.751 | 0.0 | 1.425 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.162 | 0.0 |
| 236 | 11885 | 11886 | SN | 1 | 0.0 | 31.364 | 12.193 | 0.0 | 97.177 | 13.274 | 0.0 | 82.824 | 7.887 | 0.0 | 178.402 | 10.834 | 0.0 | 1.409 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.101 | 0.0 |
| 237 | 11885 | 11886 | SN | 1 | 0.0 | 31.364 | 12.193 | 0.0 | 97.172 | 13.305 | 0.0 | 82.791 | 7.873 | 0.0 | 216.649 | 10.834 | 0.0 | 1.409 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.101 | 0.0 |
| 238 | 11885 | 11886 | SN | 1 | 0.0 | 23.251 | 5.17 | 0.0 | 68.516 | 6.546 | 0.0 | 73.912 | 0.998 | 0.0 | 234.266 | 1.786 | 0.0 | 1.401 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.101 | 0.0 |
| 239 | 11885 | 11886 | SN | 1 | 0.0 | 23.251 | 5.165 | 0.0 | 68.516 | 6.537 | 0.0 | 135.002 | 1.005 | 0.0 | 171.828 | 1.786 | 0.0 | 1.401 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.101 | 0.0 |
| 240 | 11885 | 11886 | NS | 1 | 0.0 | 242.398 | 10.404 | 0.0 | 28.11 | 15.471 | 0.0 | 147.204 | 12.892 | 0.0 | 65.739 | 14.541 | 0.0 | 1.398 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.157 | 0.0 |
| 241 | 11885 | 11886 | NS | 1 | 0.0 | 242.398 | 10.508 | 0.0 | 28.055 | 14.832 | 0.0 | 147.204 | 13.822 | 0.0 | 14.675 | 13.699 | 0.0 | 1.398 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.157 | 0.0 |
| 242 | 11885 | 11886 | NS | 1 | 0.0 | 242.398 | 10.404 | 0.0 | 28.11 | 15.471 | 0.0 | 147.204 | 12.892 | 0.0 | 65.739 | 14.541 | 0.0 | 1.398 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.157 | 0.0 |
| 243 | 11885 | 11886 | NS | 1 | 0.0 | 239.674 | 7.352 | 0.0 | 23.714 | 8.689 | 0.0 | 149.068 | 4.07 | 0.0 | 14.317 | 4.765 | 0.0 | 1.425 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.162 | 0.0 |
| 244 | 11885 | 11886 | NS | 1 | 0.0 | 239.674 | 7.029 | 0.0 | 23.714 | 8.559 | 0.0 | 149.068 | 3.706 | 0.0 | 116.405 | 4.751 | 0.0 | 1.425 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.162 | 0.0 |
| 245 | 11886 | 11887 | SN | 1 | 0.0 | 31.0 | 12.333 | 0.0 | 23.334 | 12.929 | 0.0 | 82.648 | 8.159 | 0.0 | 13.468 | 9.9 | 0.0 | 1.406 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 2.102 | 0.0 |
| 246 | 11886 | 11887 | SN | 1 | 0.0 | 23.24 | 5.192 | 0.0 | 96.019 | 6.525 | 0.0 | 127.887 | 0.947 | 0.0 | 207.703 | 1.747 | 0.0 | 1.399 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.101 | 0.0 |
| 247 | 11886 | 11887 | SN | 1 | 0.0 | 31.0 | 12.228 | 0.0 | 23.334 | 13.28 | 0.0 | 82.648 | 7.761 | 0.0 | 57.847 | 10.793 | 0.0 | 1.406 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.102 | 0.0 |
| 248 | 11886 | 11887 | SN | 1 | 0.0 | 31.0 | 12.228 | 0.0 | 23.334 | 13.28 | 0.0 | 82.648 | 7.761 | 0.0 | 57.847 | 10.793 | 0.0 | 1.406 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.102 | 0.0 |
| 249 | 11886 | 11887 | SN | 1 | 0.0 | 23.24 | 5.192 | 0.0 | 96.019 | 6.525 | 0.0 | 127.887 | 0.947 | 0.0 | 207.703 | 1.747 | 0.0 | 1.399 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.101 | 0.0 |
| 250 | 11886 | 11887 | NS | 1 | 0.0 | 23.483 | 7.033 | 0.0 | 23.709 | 8.563 | 0.0 | 348.275 | 3.724 | 0.0 | 156.108 | 4.793 | 0.0 | 1.427 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.163 | 0.0 |
| 251 | 11886 | 11887 | SN | 1 | 0.0 | 23.24 | 5.326 | 0.0 | 96.019 | 6.463 | 0.0 | 127.887 | 1.022 | 0.0 | 11.653 | 1.589 | 0.0 | 1.399 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.101 | 0.0 |
| 252 | 11886 | 11887 | NS | 1 | 0.0 | 23.483 | 7.061 | 0.0 | 23.709 | 8.572 | 0.0 | 348.275 | 3.754 | 0.0 | 17.372 | 4.738 | 0.0 | 1.427 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.163 | 0.0 |
| 253 | 11886 | 11887 | NS | 1 | 0.0 | 23.924 | 10.376 | 0.0 | 28.06 | 15.417 | 0.0 | 277.716 | 12.937 | 0.0 | 25.606 | 14.488 | 0.0 | 1.403 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.163 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 254 | 11886 | 11887 | NS | 1 | 0.0 | 23.924 | 10.372 | 0.0 | 28.115 | 15.492 | 0.0 | 277.716 | 12.863 | 0.0 | 73.989 | 14.612 | 0.0 | 1.403 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.163 | 0.0 |
| 255 | 11886 | 11887 | NS | 1 | 0.0 | 23.483 | 7.028 | 0.0 | 23.709 | 8.563 | 0.0 | 348.275 | 3.724 | 0.0 | 156.08 | 4.793 | 0.0 | 1.427 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.163 | 0.0 |
| 256 | 11886 | 11887 | NS | 1 | 0.0 | 23.924 | 10.372 | 0.0 | 28.082 | 15.492 | 0.0 | 277.716 | 12.863 | 0.0 | 73.94 | 14.612 | 0.0 | 1.403 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.163 | 0.0 |

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