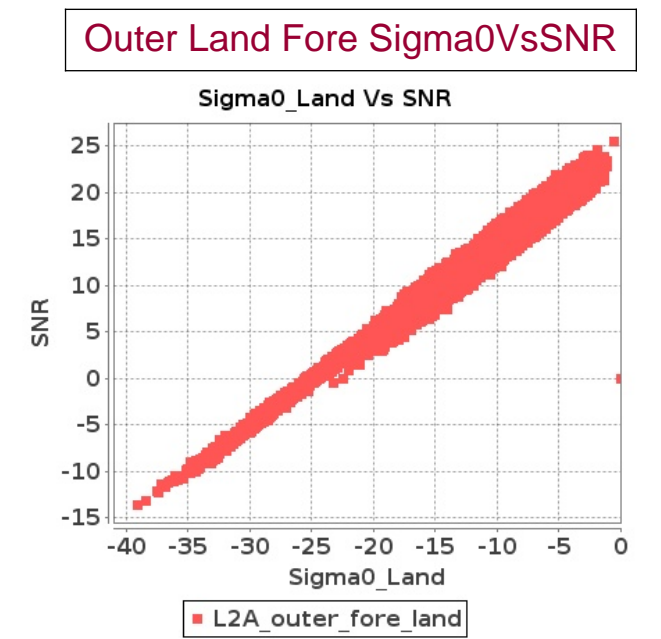
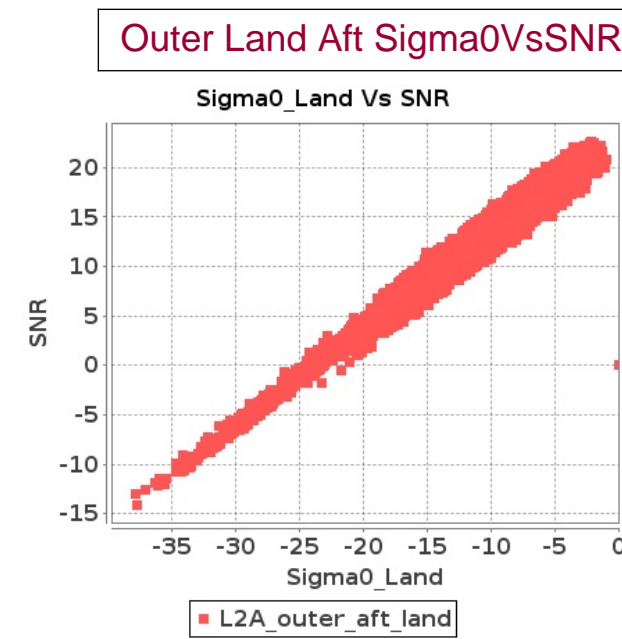
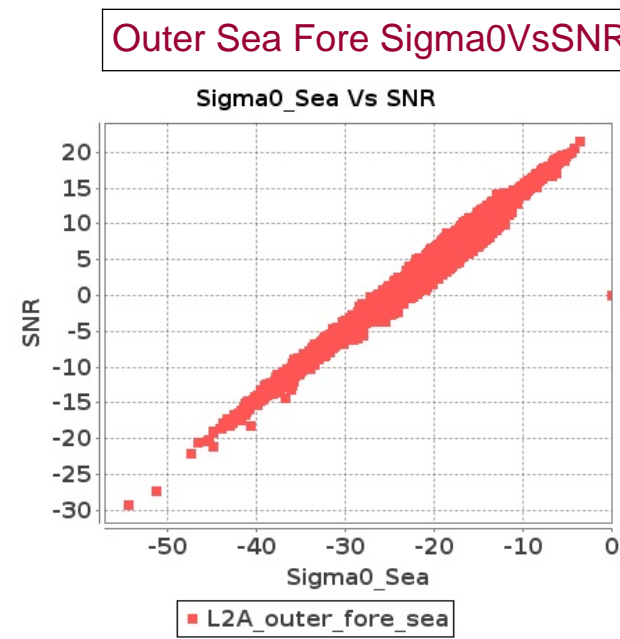
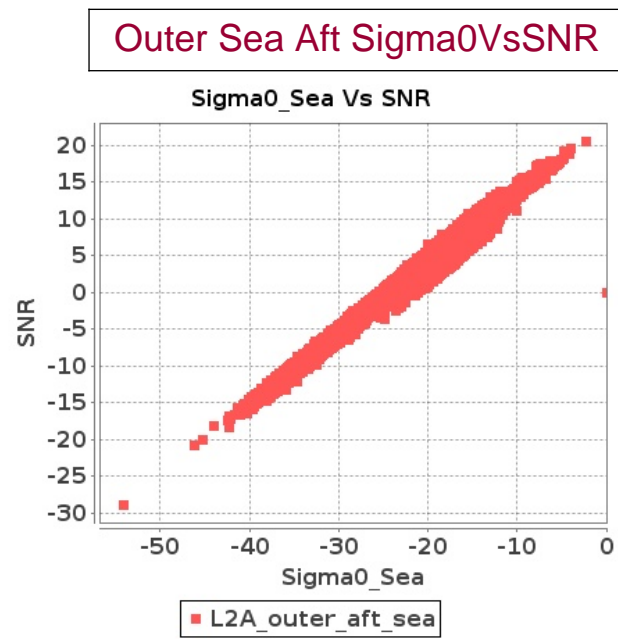
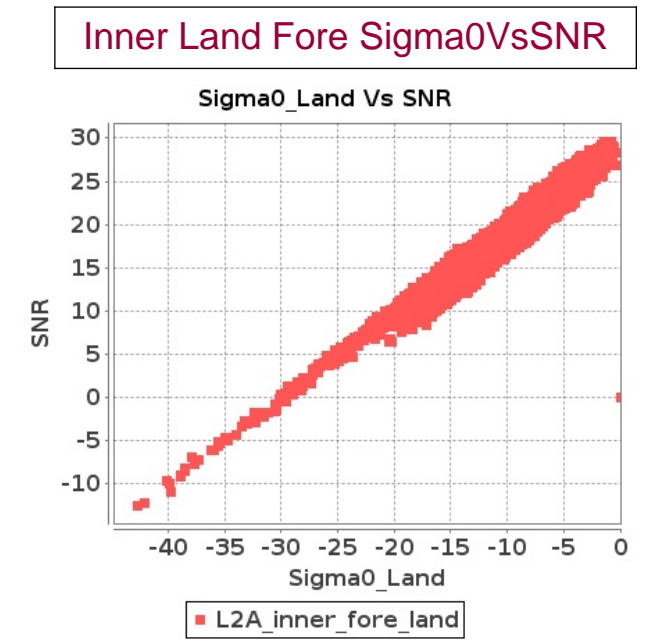
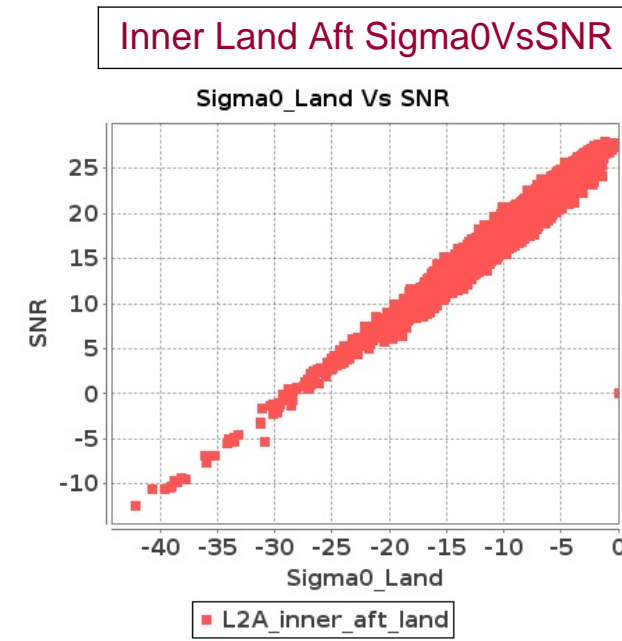
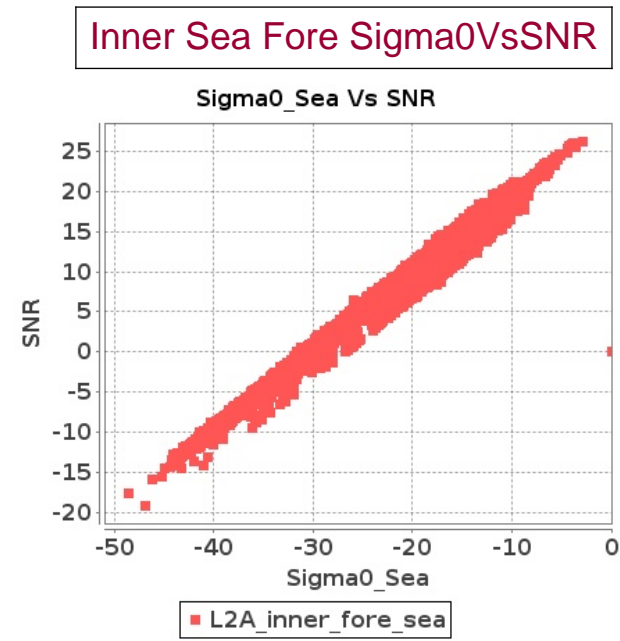
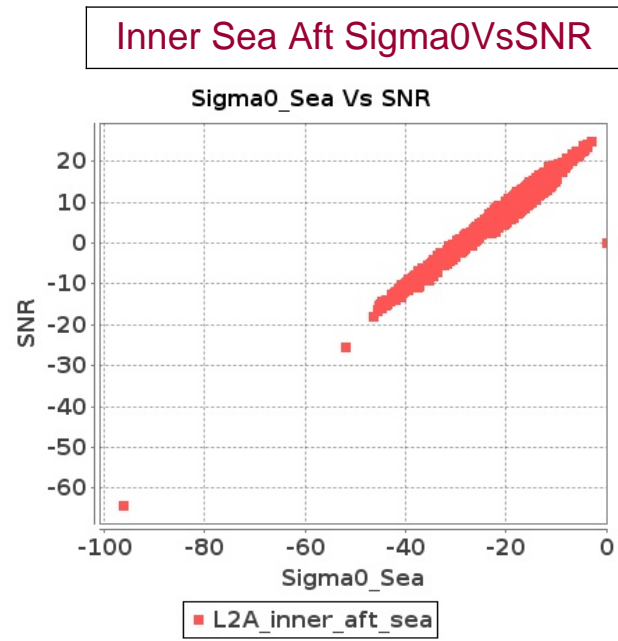


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 19-JUN-2017 To 20-JUN-2017



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

Report between 19-JUN-2017 To 20-JUN-2017

| 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 | 3854 | 3855 | SN | 1 | 0.0 | 52.16 | 3.205 | 0.0 | 50.39 | 3.333 | 0.0 | 44.651 | 2.246 | 0.0 | 44.482 | 2.278 | 0.0 | 49.804 | 2.657 | 0.0 | 51.768 | 2.856 | 0.0 | 45.33 | 1.813 | 0.0 | 42.725 | 1.902 |
| 2 | 3854 | 3855 | NS | 1 | 0.0 | 52.316 | 13.864 | 0.0 | 55.543 | 13.514 | 0.0 | 47.638 | 9.369 | 0.0 | 51.628 | 9.491 | 0.0 | 52.661 | 13.371 | 0.0 | 53.794 | 12.86 | 0.0 | 46.655 | 9.113 | 0.0 | 49.737 | 8.916 |
| 3 | 3854 | 3855 | SN | 1 | 0.0 | 52.16 | 3.203 | 0.0 | 50.39 | 3.27 | 0.0 | 44.651 | 2.272 | 0.0 | 44.482 | 2.24 | 0.0 | 49.804 | 2.663 | 0.0 | 51.768 | 2.802 | 0.0 | 45.33 | 1.86 | 0.0 | 42.725 | 1.864 |
| 4 | 3854 | 3855 | SN | 1 | 0.0 | 47.68 | 0.896 | 0.0 | 42.083 | 0.843 | 0.0 | 41.987 | 0.581 | 0.0 | 39.965 | 0.593 | 0.0 | 45.692 | 0.672 | 0.0 | 43.955 | 0.658 | 0.0 | 40.579 | 0.454 | 0.0 | 38.759 | 0.483 |
| 5 | 3854 | 3855 | NS | 1 | 0.0 | 52.168 | 4.621 | 0.0 | 54.007 | 4.497 | 0.0 | 49.071 | 2.67 | 0.0 | 43.26 | 2.905 | 0.0 | 49.634 | 4.447 | 0.0 | 51.203 | 4.21 | 0.0 | 46.665 | 2.594 | 0.0 | 43.12 | 2.595 |
| 6 | 3854 | 3855 | SN | 1 | 0.0 | 47.68 | 0.895 | 0.0 | 42.083 | 0.86 | 0.0 | 41.987 | 0.566 | 0.0 | 39.965 | 0.603 | 0.0 | 45.692 | 0.66 | 0.0 | 43.955 | 0.671 | 0.0 | 40.579 | 0.449 | 0.0 | 38.759 | 0.493 |
| 7 | 3855 | 3856 | SN | 1 | 0.0 | 41.415 | 1.167 | 0.0 | 47.801 | 0.964 | 0.0 | 42.98 | 0.778 | 0.0 | 39.99 | 0.785 | 0.0 | 41.066 | 0.966 | 0.0 | 47.236 | 0.824 | 0.0 | 38.432 | 0.593 | 0.0 | 39.876 | 0.628 |
| 8 | 3855 | 3856 | SN | 1 | 0.0 | 42.471 | 3.422 | 0.0 | 44.851 | 2.723 | 0.0 | 43.922 | 2.441 | 0.0 | 42.448 | 2.374 | 0.0 | 42.322 | 2.945 | 0.0 | 45.357 | 2.397 | 0.0 | 41.697 | 2.024 | 0.0 | 40.719 | 2.027 |
| 9 | 3855 | 3856 | SN | 1 | 0.0 | 42.471 | 3.374 | 0.0 | 44.851 | 2.72 | 0.0 | 43.922 | 2.415 | 0.0 | 42.448 | 2.37 | 0.0 | 42.322 | 2.913 | 0.0 | 45.357 | 2.394 | 0.0 | 41.697 | 2.01 | 0.0 | 40.719 | 2.023 |
| 10 | 3855 | 3856 | NS | 1 | 0.0 | 45.398 | 1.821 | 0.0 | 50.861 | 1.515 | 0.0 | 41.486 | 1.034 | 0.0 | 37.892 | 0.971 | 0.0 | 42.298 | 1.62 | 0.0 | 49.731 | 1.349 | 0.0 | 41.874 | 0.842 | 0.0 | 38.426 | 0.815 |
| 11 | 3855 | 3856 | NS | 1 | 0.0 | 57.589 | 5.185 | 0.0 | 56.716 | 4.306 | 0.0 | 48.13 | 3.476 | 0.0 | 50.542 | 3.296 | 0.0 | 57.031 | 4.631 | 0.0 | 56.454 | 3.924 | 0.0 | 46.919 | 2.865 | 0.0 | 50.137 | 2.927 |
| 12 | 3855 | 3856 | SN | 1 | 0.0 | 41.415 | 1.147 | 0.0 | 47.801 | 0.963 | 0.0 | 42.98 | 0.769 | 0.0 | 39.99 | 0.785 | 0.0 | 41.066 | 0.95 | 0.0 | 47.236 | 0.823 | 0.0 | 38.432 | 0.585 | 0.0 | 39.876 | 0.627 |
| 13 | 3856 | 3857 | SN | 1 | 0.0 | 48.641 | 6.226 | 0.0 | 45.669 | 5.332 | 0.0 | 41.405 | 4.983 | 0.0 | 41.195 | 5.731 | 0.0 | 51.626 | 6.016 | 0.0 | 45.294 | 4.842 | 0.0 | 42.571 | 4.678 | 0.0 | 41.5 | 5.341 |
| 14 | 3856 | 3857 | NS | 1 | 0.0 | 42.765 | 3.242 | 0.0 | 43.791 | 2.808 | 0.0 | 40.607 | 2.44 | 0.0 | 42.935 | 2.587 | 0.0 | 42.528 | 2.588 | 0.0 | 46.691 | 2.204 | 0.0 | 40.871 | 2.119 | 0.0 | 39.0 | 2.146 |
| 15 | 3856 | 3857 | SN | 1 | 0.0 | 42.236 | 2.297 | 0.0 | 40.924 | 2.161 | 0.0 | 41.02 | 1.817 | 0.0 | 44.557 | 1.989 | 0.0 | 42.505 | 2.148 | 0.0 | 38.895 | 1.973 | 0.0 | 37.997 | 1.589 | 0.0 | 44.804 | 1.753 |
| 16 | 3856 | 3857 | NS | 1 | 0.0 | 40.565 | 1.244 | 0.0 | 43.126 | 0.993 | 0.0 | 35.935 | 0.763 | 0.0 | 42.134 | 0.819 | 0.0 | 35.994 | 1.007 | 0.0 | 39.987 | 0.785 | 0.0 | 34.394 | 0.624 | 0.0 | 38.101 | 0.698 |
| 17 | 3856 | 3857 | SN | 1 | 0.0 | 42.236 | 2.263 | 0.0 | 40.924 | 2.155 | 0.0 | 41.02 | 1.786 | 0.0 | 44.557 | 1.986 | 0.0 | 42.505 | 2.123 | 0.0 | 38.895 | 1.972 | 0.0 | 37.997 | 1.561 | 0.0 | 44.804 | 1.752 |
| 18 | 3856 | 3857 | SN | 1 | 0.0 | 48.641 | 6.312 | 0.0 | 45.669 | 5.336 | 0.0 | 41.405 | 5.055 | 0.0 | 41.195 | 5.742 | 0.0 | 51.626 | 6.109 | 0.0 | 45.294 | 4.846 | 0.0 | 42.571 | 4.738 | 0.0 | 41.5 | 5.351 |
| 19 | 3857 | 3858 | NS | 1 | 0.0 | 49.552 | 4.823 | 0.0 | 47.976 | 3.844 | 0.0 | 43.87 | 4.339 | 0.0 | 45.624 | 3.837 | 0.0 | 50.551 | 3.957 | 0.0 | 50.058 | 3.351 | 0.0 | 41.364 | 3.926 | 0.0 | 42.636 | 3.475 |
| 20 | 3857 | 3858 | SN | 1 | 0.0 | 52.284 | 3.165 | 0.0 | 48.304 | 2.625 | 0.0 | 37.758 | 2.365 | 0.0 | 42.287 | 2.184 | 0.0 | 51.603 | 2.822 | 0.0 | 48.729 | 2.437 | 0.0 | 36.68 | 2.241 | 0.0 | 40.99 | 2.108 |
| 21 | 3857 | 3858 | NS | 1 | 0.0 | 48.761 | 1.686 | 0.0 | 45.802 | 1.347 | 0.0 | 40.089 | 1.251 | 0.0 | 38.042 | 1.136 | 0.0 | 48.527 | 1.384 | 0.0 | 43.911 | 1.096 | 0.0 | 39.141 | 1.079 | 0.0 | 40.468 | 0.983 |
| 22 | 3857 | 3858 | SN | 1 | 0.0 | 52.284 | 3.221 | 0.0 | 48.304 | 2.639 | 0.0 | 37.758 | 2.42 | 0.0 | 42.287 | 2.184 | 0.0 | 51.603 | 2.873 | 0.0 | 48.729 | 2.45 | 0.0 | 36.68 | 2.293 | 0.0 | 40.99 | 2.116 |
| 23 | 3857 | 3858 | SN | 1 | 0.0 | 53.741 | 10.372 | 0.0 | 53.857 | 8.696 | 0.0 | 37.909 | 6.871 | 0.0 | 46.348 | 6.627 | 0.0 | 54.722 | 10.192 | 0.0 | 52.478 | 8.349 | 0.0 | 39.58 | 6.658 | 0.0 | 45.273 | 6.432 |
| 24 | 3857 | 3858 | SN | 1 | 0.0 | 53.741 | 10.547 | 0.0 | 53.857 | 8.716 | 0.0 | 37.909 | 7.014 | 0.0 | 46.348 | 6.638 | 0.0 | 54.722 | 10.373 | 0.0 | 52.478 | 8.357 | 0.0 | 39.58 | 6.797 | 0.0 | 45.273 | 6.442 |
| 25 | 3858 | 3859 | SN | 1 | 0.0 | 44.994 | 2.601 | 0.0 | 40.114 | 2.166 | 0.0 | 38.969 | 2.285 | 0.0 | 40.909 | 2.128 | 0.0 | 43.629 | 2.454 | 0.0 | 43.23 | 1.93 | 0.0 | 38.889 | 2.206 | 0.0 | 40.78 | 1.919 |
| 26 | 3858 | 3859 | NS | 1 | 0.0 | 52.355 | 1.388 | 0.0 | 47.641 | 1.177 | 0.0 | 42.202 | 0.924 | 0.0 | 38.007 | 0.863 | 0.0 | 48.406 | 1.156 | 0.0 | 47.066 | 1.004 | 0.0 | 39.28 | 0.793 | 0.0 | 39.277 | 0.741 |
| 27 | 3858 | 3859 | NS | 1 | 0.0 | 44.882 | 4.873 | 0.0 | 46.263 | 4.639 | 0.0 | 40.242 | 3.528 | 0.0 | 43.229 | 3.027 | 0.0 | 46.116 | 4.229 | 0.0 | 45.825 | 4.065 | 0.0 | 38.795 | 3.108 | 0.0 | 41.395 | 2.551 |
| 28 | 3858 | 3859 | SN | 1 | 0.0 | 45.07 | 7.338 | 0.0 | 41.916 | 6.158 | 0.0 | 42.276 | 6.651 | 0.0 | 46.919 | 6.121 | 0.0 | 42.212 | 6.938 | 0.0 | 40.633 | 5.781 | 0.0 | 45.775 | 6.559 | 0.0 | 46.632 | 5.767 |
| 29 | 3858 | 3859 | SN | 1 | 0.0 | 44.994 | 2.655 | 0.0 | 40.114 | 2.21 | 0.0 | 38.969 | 2.348 | 0.0 | 40.909 | 2.17 | 0.0 | 43.629 | 2.513 | 0.0 | 43.23 | 1.969 | 0.0 | 38.889 | 2.271 | 0.0 | 40.78 | 1.958 |
| 30 | 3858 | 3859 | SN | 1 | 0.0 | 45.07 | 7.435 | 0.0 | 41.916 | 6.275 | 0.0 | 42.276 | 6.83 | 0.0 | 46.919 | 6.239 | 0.0 | 42.212 | 7.031 | 0.0 | 40.633 | 5.89 | 0.0 | 45.775 | 6.749 | 0.0 | 46.632 | 5.878 |
| 31 | 3859 | 3860 | SN | 1 | 0.0 | 52.318 | 9.619 | 0.0 | 50.468 | 8.523 | 0.0 | 47.428 | 7.317 | 0.0 | 42.27 | 7.146 | 0.0 | 53.409 | 9.178 | 0.0 | 51.163 | 8.197 | 0.0 | 45.686 | 7.09 | 0.0 | 41.133 | 6.987 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 32 | 3859 | 3860 | SN | 1 | 0.0 | 52.318 | 9.675 | 0.0 | 50.468 | 8.455 | 0.0 | 47.428 | 7.364 | 0.0 | 42.27 | 7.109 | 0.0 | 53.409 | 9.251 | 0.0 | 51.163 | 8.13 | 0.0 | 45.686 | 7.135 | 0.0 | 41.133 | 6.95 |
| 33 | 3859 | 3860 | NS | 1 | 0.0 | 52.34 | 7.692 | 0.0 | 52.811 | 6.63 | 0.0 | 43.666 | 5.703 | 0.0 | 48.248 | 5.535 | 0.0 | 53.85 | 6.454 | 0.0 | 52.543 | 5.997 | 0.0 | 43.838 | 5.099 | 0.0 | 45.823 | 4.825 |
| 34 | 3859 | 3860 | SN | 1 | 0.0 | 46.63 | 3.119 | 0.0 | 47.907 | 2.673 | 0.0 | 42.485 | 2.512 | 0.0 | 39.487 | 2.476 | 0.0 | 48.302 | 2.832 | 0.0 | 49.844 | 2.527 | 0.0 | 42.296 | 2.298 | 0.0 | 40.456 | 2.275 |
| 35 | 3859 | 3860 | SN | 1 | 0.0 | 46.63 | 3.097 | 0.0 | 47.907 | 2.687 | 0.0 | 42.485 | 2.491 | 0.0 | 39.487 | 2.49 | 0.0 | 48.302 | 2.813 | 0.0 | 49.844 | 2.538 | 0.0 | 42.296 | 2.278 | 0.0 | 40.456 | 2.283 |
| 36 | 3859 | 3860 | NS | 1 | 0.0 | 47.542 | 2.515 | 0.0 | 49.577 | 2.152 | 0.0 | 38.022 | 1.827 | 0.0 | 40.651 | 1.669 | 0.0 | 46.602 | 2.149 | 0.0 | 49.546 | 1.913 | 0.0 | 36.486 | 1.597 | 0.0 | 40.531 | 1.396 |
| 37 | 3860 | 3861 | SN | 1 | 0.0 | 46.308 | 3.035 | 0.0 | 47.648 | 3.186 | 0.0 | 48.851 | 2.309 | 0.0 | 40.991 | 2.224 | 0.0 | 47.072 | 2.943 | 0.0 | 51.465 | 3.043 | 0.0 | 46.129 | 2.219 | 0.0 | 42.422 | 1.997 |
| 38 | 3860 | 3861 | SN | 1 | 0.0 | 50.55 | 9.69 | 0.0 | 52.075 | 9.379 | 0.0 | 46.382 | 7.086 | 0.0 | 47.369 | 7.122 | 0.0 | 50.511 | 9.316 | 0.0 | 53.303 | 8.941 | 0.0 | 44.953 | 7.079 | 0.0 | 47.59 | 6.908 |
| 39 | 3860 | 3861 | NS | 1 | 0.0 | 43.053 | 3.11 | 0.0 | 42.332 | 2.912 | 0.0 | 39.088 | 2.251 | 0.0 | 42.194 | 2.204 | 0.0 | 42.24 | 2.945 | 0.0 | 41.096 | 2.666 | 0.0 | 39.094 | 2.097 | 0.0 | 43.065 | 2.016 |
| 40 | 3860 | 3861 | SN | 1 | 0.0 | 50.55 | 9.644 | 0.0 | 52.075 | 9.357 | 0.0 | 46.382 | 7.046 | 0.0 | 47.369 | 7.107 | 0.0 | 50.511 | 9.243 | 0.0 | 53.303 | 8.889 | 0.0 | 44.953 | 7.032 | 0.0 | 47.59 | 6.89 |
| 41 | 3860 | 3861 | SN | 1 | 0.0 | 46.308 | 2.984 | 0.0 | 47.648 | 3.134 | 0.0 | 48.851 | 2.267 | 0.0 | 40.991 | 2.211 | 0.0 | 47.072 | 2.894 | 0.0 | 51.465 | 2.985 | 0.0 | 46.129 | 2.179 | 0.0 | 42.422 | 1.997 |
| 42 | 3860 | 3861 | NS | 1 | 0.0 | 52.394 | 9.009 | 0.0 | 51.668 | 9.187 | 0.0 | 45.281 | 7.132 | 0.0 | 51.207 | 6.942 | 0.0 | 51.787 | 8.778 | 0.0 | 52.334 | 8.865 | 0.0 | 44.964 | 6.762 | 0.0 | 51.025 | 6.495 |
| 43 | 3861 | 3862 | NS | 1 | 0.0 | 39.529 | 1.51 | 0.0 | 42.021 | 1.468 | 0.0 | 35.635 | 1.14 | 0.0 | 40.193 | 1.146 | 0.0 | 36.889 | 1.451 | 0.0 | 40.24 | 1.308 | 0.0 | 35.214 | 1.075 | 0.0 | 38.471 | 1.026 |
| 44 | 3861 | 3862 | SN | 1 | 0.0 | 53.099 | 6.979 | 0.0 | 53.789 | 6.853 | 0.0 | 50.638 | 5.401 | 0.0 | 48.178 | 5.539 | 0.0 | 52.65 | 6.527 | 0.0 | 53.816 | 6.289 | 0.0 | 50.045 | 4.954 | 0.0 | 50.643 | 4.981 |
| 45 | 3861 | 3862 | SN | 1 | 0.0 | 53.099 | 7.571 | 0.0 | 53.789 | 7.443 | 0.0 | 50.638 | 5.499 | 0.0 | 48.178 | 5.915 | 0.0 | 52.65 | 7.141 | 0.0 | 53.816 | 6.914 | 0.0 | 50.045 | 5.101 | 0.0 | 50.643 | 5.431 |
| 46 | 3861 | 3862 | SN | 1 | 0.0 | 47.702 | 2.464 | 0.0 | 53.402 | 2.35 | 0.0 | 41.801 | 1.481 | 0.0 | 46.783 | 1.493 | 0.0 | 50.509 | 2.317 | 0.0 | 49.613 | 2.222 | 0.0 | 42.694 | 1.299 | 0.0 | 43.492 | 1.263 |
| 47 | 3861 | 3862 | SN | 1 | 0.0 | 47.702 | 2.499 | 0.0 | 53.402 | 2.437 | 0.0 | 41.801 | 1.502 | 0.0 | 46.783 | 1.628 | 0.0 | 50.509 | 2.386 | 0.0 | 49.613 | 2.3 | 0.0 | 42.694 | 1.333 | 0.0 | 43.492 | 1.421 |
| 48 | 3861 | 3862 | NS | 1 | 0.0 | 43.562 | 4.933 | 0.0 | 45.684 | 5.08 | 0.0 | 39.701 | 3.47 | 0.0 | 44.728 | 3.474 | 0.0 | 40.913 | 4.449 | 0.0 | 45.484 | 4.547 | 0.0 | 39.994 | 3.406 | 0.0 | 43.487 | 3.29 |
| 49 | 3862 | 3863 | NS | 1 | 0.0 | 48.658 | 6.521 | 0.0 | 52.024 | 5.63 | 0.0 | 41.914 | 5.403 | 0.0 | 46.47 | 4.815 | 0.0 | 46.922 | 5.756 | 0.0 | 49.946 | 4.937 | 0.0 | 40.931 | 4.884 | 0.0 | 43.845 | 4.418 |
| 50 | 3862 | 3863 | SN | 1 | 0.0 | 46.803 | 1.636 | 0.0 | 47.309 | 1.636 | 0.0 | 37.055 | 1.037 | 0.0 | 45.104 | 1.118 | 0.0 | 45.896 | 1.564 | 0.0 | 50.742 | 1.525 | 0.0 | 35.022 | 0.991 | 0.0 | 43.178 | 1.04 |
| 51 | 3862 | 3863 | SN | 1 | 0.0 | 47.558 | 4.815 | 0.0 | 50.168 | 4.853 | 0.0 | 40.545 | 3.466 | 0.0 | 44.902 | 3.458 | 0.0 | 51.834 | 4.585 | 0.0 | 46.681 | 4.742 | 0.0 | 42.773 | 3.295 | 0.0 | 43.631 | 3.351 |
| 52 | 3862 | 3863 | NS | 1 | 0.0 | 43.203 | 2.258 | 0.0 | 49.744 | 1.828 | 0.0 | 45.282 | 1.7 | 0.0 | 39.671 | 1.546 | 0.0 | 44.498 | 1.969 | 0.0 | 46.636 | 1.553 | 0.0 | 44.327 | 1.605 | 0.0 | 38.842 | 1.365 |
| 53 | 3863 | 3864 | NS | 1 | 0.0 | 49.793 | 1.944 | 0.0 | 49.205 | 1.504 | 0.0 | 44.642 | 1.161 | 0.0 | 45.814 | 1.314 | 0.0 | 50.283 | 1.624 | 0.0 | 46.482 | 1.268 | 0.0 | 41.296 | 1.028 | 0.0 | 46.035 | 1.104 |
| 54 | 3863 | 3864 | NS | 1 | 0.0 | 55.276 | 6.007 | 0.0 | 50.404 | 5.049 | 0.0 | 46.017 | 4.285 | 0.0 | 45.717 | 4.192 | 0.0 | 54.473 | 5.222 | 0.0 | 52.087 | 4.737 | 0.0 | 43.925 | 3.631 | 0.0 | 46.569 | 3.631 |
| 55 | 3863 | 3864 | SN | 1 | 0.0 | 42.411 | 1.991 | 0.0 | 45.833 | 1.772 | 0.0 | 38.492 | 1.188 | 0.0 | 45.568 | 1.199 | 0.0 | 42.642 | 1.869 | 0.0 | 42.767 | 1.704 | 0.0 | 37.646 | 1.106 | 0.0 | 45.636 | 1.076 |
| 56 | 3863 | 3864 | SN | 1 | 0.0 | 60.516 | 6.106 | 0.0 | 51.269 | 5.931 | 0.0 | 49.762 | 3.863 | 0.0 | 45.38 | 3.972 | 0.0 | 59.879 | 5.936 | 0.0 | 50.153 | 5.619 | 0.0 | 47.789 | 3.835 | 0.0 | 41.731 | 3.586 |
| 57 | 3864 | 3865 | NS | 1 | 0.0 | 42.315 | 1.818 | 0.0 | 43.983 | 1.746 | 0.0 | 42.94 | 1.6 | 0.0 | 41.596 | 1.337 | 0.0 | 46.069 | 1.441 | 0.0 | 44.958 | 1.362 | 0.0 | 39.406 | 1.274 | 0.0 | 44.201 | 1.068 |
| 58 | 3864 | 3865 | NS | 1 | 0.0 | 53.423 | 4.853 | 0.0 | 51.583 | 4.486 | 0.0 | 42.052 | 4.24 | 0.0 | 42.874 | 4.114 | 0.0 | 55.646 | 3.897 | 0.0 | 50.64 | 3.812 | 0.0 | 40.274 | 3.507 | 0.0 | 40.96 | 3.347 |
| 59 | 3868 | 3869 | SN | 1 | 0.0 | 41.611 | 1.115 | 0.0 | 53.735 | 1.103 | 0.0 | 38.644 | 0.851 | 0.0 | 39.11 | 0.83 | 0.0 | 41.896 | 0.876 | 0.0 | 50.197 | 0.915 | 0.0 | 37.363 | 0.707 | 0.0 | 36.866 | 0.679 |
| 60 | 3868 | 3869 | SN | 1 | 0.0 | 43.69 | 3.389 | 0.0 | 48.409 | 3.322 | 0.0 | 40.784 | 2.938 | 0.0 | 44.597 | 2.833 | 0.0 | 44.639 | 2.899 | 0.0 | 49.823 | 2.979 | 0.0 | 42.825 | 2.597 | 0.0 | 47.346 | 2.589 |
| 61 | 3868 | 3869 | SN | 1 | 0.0 | 43.69 | 3.455 | 0.0 | 48.409 | 3.28 | 0.0 | 40.784 | 2.962 | 0.0 | 44.597 | 2.775 | 0.0 | 44.639 | 2.954 | 0.0 | 49.823 | 2.924 | 0.0 | 42.825 | 2.564 | 0.0 | 47.346 | 2.507 |
| 62 | 3868 | 3869 | SN | 1 | 0.0 | 41.611 | 1.111 | 0.0 | 53.735 | 1.139 | 0.0 | 38.644 | 0.854 | 0.0 | 39.11 | 0.852 | 0.0 | 41.896 | 0.868 | 0.0 | 50.197 | 0.939 | 0.0 | 37.363 | 0.712 | 0.0 | 36.866 | 0.702 |
| 63 | 3869 | 3870 | SN | 1 | 0.0 | 54.007 | 6.207 | 0.0 | 49.281 | 6.102 | 0.0 | 43.274 | 4.05 | 0.0 | 42.79 | 4.135 | 0.0 | 56.408 | 5.594 | 0.0 | 47.176 | 5.599 | 0.0 | 42.72 | 3.796 | 0.0 | 43.335 | 3.676 |
| 64 | 3869 | 3870 | NS | 1 | 0.0 | 55.437 | 8.174 | 0.0 | 53.653 | 6.771 | 0.0 | 52.168 | 5.604 | 0.0 | 50.053 | 5.365 | 0.0 | 54.666 | 7.328 | 0.0 | 52.842 | 5.805 | 0.0 | 50.779 | 5.099 | 0.0 | 48.771 | 4.739 |
| 65 | 3869 | 3870 | SN | 1 | 0.0 | 45.661 | 1.943 | 0.0 | 49.68 | 1.817 | 0.0 | 42.56 | 1.13 | 0.0 | 39.797 | 1.085 | 0.0 | 42.995 | 1.786 | 0.0 | 49.095 | 1.674 | 0.0 | 41.958 | 0.984 | 0.0 | 40.992 | 0.963 |
| 66 | 3869 | 3870 | SN | 1 | 0.0 | 54.007 | 6.086 | 0.0 | 49.281 | 6.065 | 0.0 | 43.274 | 3.989 | 0.0 | 42.79 | 4.105 | 0.0 | 56.408 | 5.485 | 0.0 | 47.176 | 5.566 | 0.0 | 42.72 | 3.733 | 0.0 | 43.335 | 3.65 |
| 67 | 3869 | 3870 | SN | 1 | 0.0 | 45.661 | 1.904 | 0.0 | 49.68 | 1.805 | 0.0 | 42.56 | 1.109 | 0.0 | 39.797 | 1.078 | 0.0 | 42.995 | 1.751 | 0.0 | 49.095 | 1.662 | 0.0 | 41.958 | 0.967 | 0.0 | 40.992 | 0.957 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|--------|-----|--------|--------|-----|--------|-------|-----|--------|-------|
| 68 | 3869 | 3870 | NS | 1 | 0.0 | 46.693 | 2.761 | 0.0 | 46.897 | 2.01 | 0.0 | 48.631 | 1.671 | 0.0 | 48.594 | 1.692 | 0.0 | 47.095 | 2.35 | 0.0 | 48.076 | 1.823 | 0.0 | 47.0 | 1.424 | 0.0 | 44.715 | 1.424 |
| 69 | 3870 | 3871 | NS | 1 | 0.0 | 44.119 | 1.323 | 0.0 | 43.27 | 1.132 | 0.0 | 39.781 | 1.011 | 0.0 | 42.006 | 0.944 | 0.0 | 41.693 | 1.246 | 0.0 | 42.023 | 1.146 | 0.0 | 36.785 | 0.988 | 0.0 | 42.053 | 0.921 |
| 70 | 3870 | 3871 | SN | 1 | 0.0 | 47.397 | 6.344 | 0.0 | 48.147 | 5.017 | 0.0 | 38.896 | 4.575 | 0.0 | 45.664 | 4.254 | 0.0 | 47.996 | 5.828 | 0.0 | 45.775 | 4.396 | 0.0 | 39.212 | 4.302 | 0.0 | 46.605 | 3.878 |
| 71 | 3870 | 3871 | SN | 1 | 0.0 | 47.397 | 6.266 | 0.0 | 48.147 | 5.025 | 0.0 | 38.896 | 4.514 | 0.0 | 45.664 | 4.257 | 0.0 | 47.996 | 5.756 | 0.0 | 45.775 | 4.404 | 0.0 | 39.212 | 4.237 | 0.0 | 46.605 | 3.881 |
| 72 | 3870 | 3871 | NS | 1 | 0.0 | 47.453 | 3.523 | 0.0 | 47.368 | 3.551 | 0.0 | 41.738 | 2.952 | 0.0 | 42.502 | 2.984 | 0.0 | 48.454 | 3.362 | 0.0 | 47.658 | 3.3 | 0.0 | 40.869 | 3.044 | 0.0 | 42.094 | 2.984 |
| 73 | 3870 | 3871 | SN | 1 | 0.0 | 39.817 | 1.974 | 0.0 | 45.432 | 1.626 | 0.0 | 36.833 | 1.485 | 0.0 | 45.664 | 1.471 | 0.0 | 37.842 | 1.709 | 0.0 | 42.688 | 1.378 | 0.0 | 38.931 | 1.355 | 0.0 | 44.623 | 1.262 |
| 74 | 3870 | 3871 | SN | 1 | 0.0 | 39.817 | 1.949 | 0.0 | 45.432 | 1.626 | 0.0 | 37.829 | 1.465 | 0.0 | 45.664 | 1.471 | 0.0 | 37.842 | 1.685 | 0.0 | 42.688 | 1.378 | 0.0 | 38.931 | 1.339 | 0.0 | 44.623 | 1.261 |
| 75 | 3871 | 3872 | NS | 1 | 0.0 | 42.371 | 5.275 | 0.0 | 43.56 | 4.225 | 0.0 | 37.43 | 3.478 | 0.0 | 45.657 | 3.418 | 0.0 | 44.694 | 4.61 | 0.0 | 43.718 | 3.662 | 0.0 | 35.996 | 3.08 | 0.0 | 44.294 | 2.956 |
| 76 | 3871 | 3872 | SN | 1 | 0.0 | 44.571 | 6.693 | 0.0 | 50.096 | 5.801 | 0.0 | 38.684 | 5.208 | 0.0 | 41.761 | 5.081 | 0.0 | 45.776 | 6.031 | 0.0 | 48.697 | 5.057 | 0.0 | 37.735 | 4.917 | 0.0 | 42.662 | 4.712 |
| 77 | 3871 | 3872 | SN | 1 | 0.0 | 38.336 | 2.562 | 0.0 | 43.862 | 2.075 | 0.0 | 39.495 | 1.964 | 0.0 | 41.331 | 1.802 | 0.0 | 39.434 | 2.336 | 0.0 | 44.734 | 1.788 | 0.0 | 36.418 | 1.753 | 0.0 | 38.834 | 1.564 |
| 78 | 3871 | 3872 | NS | 1 | 0.0 | 44.38 | 1.876 | 0.0 | 40.044 | 1.326 | 0.0 | 40.855 | 1.135 | 0.0 | 34.169 | 1.077 | 0.0 | 39.767 | 1.583 | 0.0 | 39.209 | 1.2 | 0.0 | 37.913 | 1.008 | 0.0 | 34.831 | 0.912 |
| 79 | 3871 | 3872 | SN | 1 | 0.0 | 44.571 | 6.71 | 0.0 | 50.096 | 5.749 | 0.0 | 38.684 | 5.279 | 0.0 | 41.761 | 5.089 | 0.0 | 45.776 | 6.048 | 0.0 | 48.697 | 5.023 | 0.0 | 37.735 | 5.012 | 0.0 | 42.662 | 4.734 |
| 80 | 3871 | 3872 | SN | 1 | 0.0 | 38.336 | 2.595 | 0.0 | 43.862 | 2.068 | 0.0 | 39.495 | 1.993 | 0.0 | 41.331 | 1.813 | 0.0 | 39.434 | 2.363 | 0.0 | 44.734 | 1.787 | 0.0 | 36.418 | 1.786 | 0.0 | 38.834 | 1.574 |
| 81 | 3872 | 3873 | SN | 1 | 0.0 | 43.707 | 6.778 | 0.0 | 47.306 | 5.969 | 0.0 | 39.238 | 5.085 | 0.0 | 39.51 | 4.775 | 0.0 | 42.285 | 6.197 | 0.0 | 45.933 | 5.154 | 0.0 | 38.457 | 4.588 | 0.0 | 38.452 | 4.074 |
| 82 | 3872 | 3873 | SN | 1 | 0.0 | 41.155 | 2.387 | 0.0 | 47.378 | 2.051 | 0.0 | 40.05 | 1.765 | 0.0 | 39.119 | 1.705 | 0.0 | 43.341 | 1.943 | 0.0 | 45.696 | 1.695 | 0.0 | 40.927 | 1.535 | 0.0 | 37.978 | 1.378 |
| 83 | 3872 | 3873 | NS | 1 | 0.0 | 50.367 | 5.203 | 0.0 | 46.05 | 4.404 | 0.0 | 42.745 | 3.214 | 0.0 | 45.613 | 3.041 | 0.0 | 50.648 | 4.307 | 0.0 | 43.942 | 3.64 | 0.0 | 43.866 | 2.83 | 0.0 | 42.392 | 2.607 |
| 84 | 3872 | 3873 | SN | 1 | 0.0 | 41.155 | 2.41 | 0.0 | 47.378 | 2.081 | 0.0 | 40.05 | 1.806 | 0.0 | 39.119 | 1.72 | 0.0 | 43.341 | 1.956 | 0.0 | 45.696 | 1.72 | 0.0 | 40.927 | 1.57 | 0.0 | 37.978 | 1.387 |
| 85 | 3872 | 3873 | NS | 1 | 0.0 | 41.26 | 1.377 | 0.0 | 48.559 | 1.13 | 0.0 | 40.002 | 0.899 | 0.0 | 41.969 | 0.841 | 0.0 | 42.05 | 1.126 | 0.0 | 48.729 | 0.911 | 0.0 | 37.674 | 0.759 | 0.0 | 41.199 | 0.698 |
| 86 | 3872 | 3873 | SN | 1 | 0.0 | 43.707 | 6.808 | 0.0 | 47.306 | 6.053 | 0.0 | 38.144 | 5.181 | 0.0 | 39.51 | 4.831 | 0.0 | 42.285 | 6.213 | 0.0 | 45.933 | 5.227 | 0.0 | 38.457 | 4.679 | 0.0 | 38.452 | 4.105 |
| 87 | 3873 | 3874 | SN | 1 | 0.0 | 43.288 | 7.219 | 0.0 | 47.717 | 6.243 | 0.0 | 38.383 | 5.937 | 0.0 | 47.649 | 5.613 | 0.0 | 42.777 | 6.368 | 0.0 | 45.155 | 5.571 | 0.0 | 38.639 | 5.61 | 0.0 | 46.288 | 5.316 |
| 88 | 3873 | 3874 | NS | 1 | 0.0 | 47.046 | 6.159 | 0.0 | 44.58 | 5.46 | 0.0 | 45.296 | 4.75 | 0.0 | 44.84 | 5.116 | 0.0 | 46.359 | 5.082 | 0.0 | 45.202 | 4.867 | 0.0 | 45.097 | 4.323 | 0.0 | 48.136 | 4.576 |
| 89 | 3873 | 3874 | SN | 1 | 0.0 | 44.696 | 2.668 | 0.0 | 43.771 | 2.341 | 0.0 | 42.79 | 2.275 | 0.0 | 47.265 | 2.111 | 0.0 | 44.519 | 2.218 | 0.0 | 41.28 | 2.045 | 0.0 | 42.547 | 2.054 | 0.0 | 44.519 | 1.885 |
| 90 | 3873 | 3874 | SN | 1 | 0.0 | 44.696 | 2.599 | 0.0 | 43.771 | 2.282 | 0.0 | 42.79 | 2.201 | 0.0 | 47.265 | 2.058 | 0.0 | 44.519 | 2.164 | 0.0 | 41.28 | 1.991 | 0.0 | 42.547 | 1.987 | 0.0 | 44.519 | 1.84 |
| 91 | 3873 | 3874 | SN | 1 | 0.0 | 43.288 | 7.317 | 0.0 | 47.717 | 6.352 | 0.0 | 38.383 | 6.118 | 0.0 | 47.649 | 5.75 | 0.0 | 42.777 | 6.463 | 0.0 | 45.155 | 5.672 | 0.0 | 38.639 | 5.778 | 0.0 | 46.288 | 5.452 |
| 92 | 3873 | 3874 | NS | 1 | 0.0 | 47.097 | 1.869 | 0.0 | 45.734 | 2.007 | 0.0 | 39.965 | 1.391 | 0.0 | 43.056 | 1.498 | 0.0 | 43.411 | 1.557 | 0.0 | 44.383 | 1.716 | 0.0 | 37.667 | 1.254 | 0.0 | 43.173 | 1.258 |
| 93 | 3874 | 3875 | SN | 1 | 0.0 | 47.886 | 11.934 | 0.0 | 53.587 | 11.406 | 0.0 | 46.079 | 7.336 | 0.0 | 44.074 | 7.346 | 0.0 | 47.671 | 11.624 | 0.0 | 51.873 | 10.694 | 0.0 | 43.599 | 7.116 | 0.0 | 43.424 | 7.078 |
| 94 | 3874 | 3875 | NS | 1 | 0.0 | 53.047 | 6.632 | 0.0 | 54.287 | 5.773 | 0.0 | 49.605 | 6.022 | 0.0 | 39.999 | 5.485 | 0.0 | 55.235 | 6.029 | 0.0 | 53.135 | 5.28 | 0.0 | 48.601 | 5.681 | 0.0 | 40.72 | 5.031 |
| 95 | 3874 | 3875 | NS | 1 | 0.0 | 50.008 | 2.295 | 0.0 | 56.592 | 2.181 | 0.0 | 41.93 | 1.767 | 0.0 | 41.119 | 1.658 | 0.0 | 47.894 | 2.128 | 0.0 | 59.444 | 2.012 | 0.0 | 43.317 | 1.68 | 0.0 | 41.948 | 1.522 |
| 96 | 3874 | 3875 | SN | 1 | 0.0 | 52.508 | 3.964 | 0.0 | 50.449 | 3.657 | 0.0 | 43.82 | 2.335 | 0.0 | 39.931 | 2.264 | 0.0 | 52.846 | 3.696 | 0.0 | 47.331 | 3.384 | 0.0 | 44.738 | 2.192 | 0.0 | 41.206 | 2.042 |
| 97 | 3874 | 3875 | SN | 1 | 0.0 | 52.508 | 3.816 | 0.0 | 50.449 | 3.546 | 0.0 | 43.82 | 2.226 | 0.0 | 39.931 | 2.2 | 0.0 | 52.846 | 3.543 | 0.0 | 47.331 | 3.285 | 0.0 | 44.738 | 2.088 | 0.0 | 41.206 | 1.99 |
| 98 | 3874 | 3875 | SN | 1 | 0.0 | 47.886 | 12.232 | 0.0 | 53.587 | 11.557 | 0.0 | 46.079 | 7.66 | 0.0 | 44.074 | 7.525 | 0.0 | 47.671 | 11.946 | 0.0 | 51.873 | 10.874 | 0.0 | 43.599 | 7.465 | 0.0 | 43.424 | 7.252 |
| 99 | 3875 | 3876 | SN | 1 | 0.0 | 54.651 | 11.151 | 0.0 | 55.078 | 11.817 | 0.0 | 45.442 | 6.767 | 0.0 | 44.026 | 6.644 | 0.0 | 54.467 | 10.531 | 0.0 | 55.049 | 11.532 | 0.0 | 45.746 | 6.298 | 0.0 | 44.412 | 7.333 |
| 100 | 3875 | 3876 | NS | 1 | 0.0 | 43.59 | 2.594 | 0.0 | 44.065 | 2.196 | 0.0 | 39.069 | 2.014 | 0.0 | 42.736 | 1.783 | 0.0 | 43.194 | 2.274 | 0.0 | 39.361 | 1.964 | 0.0 | 40.654 | 1.835 | 0.0 | 40.803 | 1.64 |
| 101 | 3875 | 3876 | SN | 1 | 0.0 | 54.651 | 11.337 | 0.0 | 55.078 | 11.711 | 0.0 | 45.442 | 7.136 | 0.0 | 43.593 | 7.742 | 0.0 | 54.467 | 10.793 | 0.0 | 55.049 | 11.492 | 0.0 | 45.746 | 6.688 | 0.0 | 44.412 | 7.431 |
| 102 | 3875 | 3876 | NS | 1 | 0.0 | 45.044 | 8.312 | 0.0 | 45.994 | 7.47 | 0.0 | 41.302 | 6.007 | 0.0 | 37.171 | 5.696 | 0.0 | 44.294 | 7.446 | 0.0 | 46.367 | 6.766 | 0.0 | 38.738 | 5.708 | 0.0 | 35.976 | 5.05 |
| 103 | 3875 | 3876 | SN | 1 | 0.0 | 50.412 | 3.436 | 0.0 | 52.756 | 3.734 | 0.0 | 40.361 | 1.749 | 0.0 | 41.303 | 2.036 | 0.0 | 46.427 | 3.147 | 0.0 | 51.412 | 3.543 | 0.0 | 40.172 | 1.664 | 0.0 | 41.814 | 1.918 |

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

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|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 3875 | 3876 | SN | 1 | 0.0 | 50.412 | 3.584 | 0.0 | 52.756 | 3.83 | 0.0 | 40.361 | 1.85 | 0.0 | 41.303 | 2.066 | 0.0 | 46.427 | 3.275 | 0.0 | 51.412 | 3.633 | 0.0 | 40.172 | 1.765 | 0.0 | 41.814 | 1.943 |
| 105 | 3876 | 3877 | SN | 1 | 0.0 | 53.379 | 1.934 | 0.0 | 52.349 | 1.89 | 0.0 | 46.591 | 1.246 | 0.0 | 42.759 | 1.418 | 0.0 | 54.675 | 1.704 | 0.0 | 50.909 | 1.743 | 0.0 | 43.756 | 1.118 | 0.0 | 41.126 | 1.224 |
| 106 | 3876 | 3877 | NS | 1 | 0.0 | 44.006 | 5.615 | 0.0 | 48.132 | 4.946 | 0.0 | 43.008 | 5.139 | 0.0 | 42.843 | 4.609 | 0.0 | 41.809 | 5.152 | 0.0 | 45.121 | 4.604 | 0.0 | 42.561 | 5.146 | 0.0 | 42.429 | 4.425 |
| 107 | 3876 | 3877 | NS | 1 | 0.0 | 43.635 | 1.967 | 0.0 | 40.448 | 1.752 | 0.0 | 41.959 | 1.659 | 0.0 | 40.78 | 1.602 | 0.0 | 43.61 | 1.922 | 0.0 | 41.869 | 1.7 | 0.0 | 39.767 | 1.548 | 0.0 | 41.149 | 1.48 |
| 108 | 3876 | 3877 | SN | 1 | 0.0 | 51.729 | 6.715 | 0.0 | 52.663 | 6.334 | 0.0 | 49.388 | 4.126 | 0.0 | 49.325 | 4.645 | 0.0 | 51.91 | 6.115 | 0.0 | 53.31 | 5.77 | 0.0 | 51.682 | 3.721 | 0.0 | 49.978 | 4.323 |
| 109 | 3877 | 3878 | NS | 1 | 0.0 | 52.548 | 8.7 | 0.0 | 49.601 | 6.849 | 0.0 | 52.251 | 5.763 | 0.0 | 49.018 | 5.137 | 0.0 | 52.975 | 7.624 | 0.0 | 51.494 | 5.632 | 0.0 | 49.904 | 4.981 | 0.0 | 52.312 | 4.277 |
| 110 | 3877 | 3878 | SN | 1 | 0.0 | 43.404 | 1.631 | 0.0 | 42.92 | 1.512 | 0.0 | 38.562 | 1.051 | 0.0 | 43.738 | 1.012 | 0.0 | 43.047 | 1.46 | 0.0 | 41.843 | 1.324 | 0.0 | 39.164 | 0.975 | 0.0 | 42.961 | 0.915 |
| 111 | 3877 | 3878 | SN | 1 | 0.0 | 40.534 | 5.314 | 0.0 | 51.203 | 4.803 | 0.0 | 46.045 | 3.181 | 0.0 | 44.858 | 2.987 | 0.0 | 37.908 | 4.814 | 0.0 | 52.813 | 4.521 | 0.0 | 43.633 | 2.826 | 0.0 | 44.435 | 2.808 |
| 112 | 3877 | 3878 | NS | 1 | 0.0 | 52.609 | 2.727 | 0.0 | 47.221 | 1.937 | 0.0 | 37.458 | 1.875 | 0.0 | 44.513 | 1.575 | 0.0 | 47.791 | 2.256 | 0.0 | 45.362 | 1.61 | 0.0 | 39.267 | 1.597 | 0.0 | 46.988 | 1.332 |
| 113 | 3878 | 3879 | NS | 1 | 0.0 | 50.424 | 1.723 | 0.0 | 41.023 | 1.547 | 0.0 | 38.471 | 1.4 | 0.0 | 44.035 | 1.398 | 0.0 | 47.323 | 1.41 | 0.0 | 44.278 | 1.265 | 0.0 | 37.858 | 1.12 | 0.0 | 42.638 | 1.137 |
| 114 | 3878 | 3879 | NS | 1 | 0.0 | 52.33 | 5.975 | 0.0 | 55.157 | 4.949 | 0.0 | 47.216 | 4.044 | 0.0 | 43.121 | 4.256 | 0.0 | 50.54 | 5.02 | 0.0 | 53.409 | 4.194 | 0.0 | 46.618 | 3.511 | 0.0 | 46.543 | 3.588 |

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

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|-------|-------------|-----------|------|------|---------------|--------|------------|------------|--------|------------|-----------|---------|------------|------------|---------|------------|-----------------|-------|------------|------------|-------|------------|-----------|-------|------------|------------|-------|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 3854 | 3855 | SN | 1 | 0.0 | 34.0 | 14.745 | 0.0 | 27.255 | 14.528 | 0.0 | 166.128 | 10.296 | 0.0 | 16.363 | 10.006 | 0.0 | 1.854 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.071 | 0.0 |
| 2 | 3854 | 3855 | NS | 1 | 0.0 | 25.909 | 14.106 | 0.0 | 33.619 | 15.969 | 0.0 | 342.915 | 13.293 | 0.0 | 94.097 | 13.058 | 0.0 | 1.925 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.082 | 0.0 | 0.0 | 2.052 | 0.0 |
| 3 | 3854 | 3855 | SN | 1 | 0.0 | 30.934 | 14.745 | 0.0 | 27.277 | 14.874 | 0.0 | 166.128 | 10.26 | 0.0 | 60.908 | 10.751 | 0.0 | 1.854 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.071 | 0.0 |
| 4 | 3854 | 3855 | SN | 1 | 0.0 | 25.744 | 8.592 | 0.0 | 27.751 | 8.568 | 0.0 | 165.467 | 2.187 | 0.0 | 72.302 | 2.497 | 0.0 | 1.858 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.063 | 0.0 |
| 5 | 3854 | 3855 | NS | 1 | 0.0 | 27.079 | 9.598 | 0.0 | 25.937 | 9.74 | 0.0 | 345.931 | 4.362 | 0.0 | 143.66 | 3.992 | 0.0 | 1.924 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.054 | 0.0 |
| 6 | 3854 | 3855 | SN | 1 | 0.0 | 25.744 | 8.587 | 0.0 | 26.968 | 8.466 | 0.0 | 165.467 | 2.171 | 0.0 | 12.552 | 2.257 | 0.0 | 1.858 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.063 | 0.0 |
| 7 | 3855 | 3856 | SN | 1 | 0.0 | 25.75 | 8.574 | 0.0 | 26.957 | 8.559 | 0.0 | 164.204 | 2.183 | 0.0 | 13.473 | 2.333 | 0.0 | 1.86 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.062 | 0.0 |
| 8 | 3855 | 3856 | SN | 1 | 0.0 | 34.154 | 14.805 | 0.0 | 27.288 | 14.698 | 0.0 | 164.733 | 10.299 | 0.0 | 19.358 | 10.46 | 0.0 | 1.855 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.072 | 0.0 |
| 9 | 3855 | 3856 | SN | 1 | 0.0 | 30.917 | 14.788 | 0.0 | 27.294 | 14.885 | 0.0 | 164.733 | 10.256 | 0.0 | 61.729 | 10.867 | 0.0 | 1.855 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.072 | 0.0 |
| 10 | 3855 | 3856 | NS | 1 | 0.0 | 27.101 | 9.575 | 0.0 | 25.937 | 9.74 | 0.0 | 343.824 | 4.34 | 0.0 | 145.916 | 3.969 | 0.0 | 1.927 | 0.0 | 0.0 | 1.891 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.053 | 0.0 |
| 11 | 3855 | 3856 | NS | 1 | 0.0 | 25.898 | 14.096 | 0.0 | 33.641 | 15.946 | 0.0 | 126.511 | 13.266 | 0.0 | 95.503 | 13.086 | 0.0 | 1.933 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.053 | 0.0 |
| 12 | 3855 | 3856 | SN | 1 | 0.0 | 25.75 | 8.572 | 0.0 | 27.751 | 8.623 | 0.0 | 164.204 | 2.193 | 0.0 | 66.301 | 2.497 | 0.0 | 1.86 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.062 | 0.0 |
| 13 | 3856 | 3857 | SN | 1 | 0.0 | 33.393 | 14.815 | 0.0 | 27.299 | 14.915 | 0.0 | 152.87 | 10.292 | 0.0 | 58.354 | 10.956 | 0.0 | 1.854 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.027 | 0.0 | 0.0 | 2.071 | 0.0 |
| 14 | 3856 | 3857 | NS | 1 | 0.0 | 25.921 | 14.015 | 0.0 | 38.489 | 15.972 | 0.0 | 127.388 | 13.257 | 0.0 | 81.495 | 13.053 | 0.0 | 1.929 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.056 | 0.0 |
| 15 | 3856 | 3857 | SN | 1 | 0.0 | 25.755 | 8.587 | 0.0 | 26.968 | 8.593 | 0.0 | 163.09 | 2.241 | 0.0 | 13.749 | 2.33 | 0.0 | 1.859 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.074 | 0.0 |
| 16 | 3856 | 3857 | NS | 1 | 0.0 | 27.035 | 9.601 | 0.0 | 25.932 | 9.696 | 0.0 | 319.603 | 4.322 | 0.0 | 147.763 | 3.935 | 0.0 | 1.926 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.056 | 0.0 |
| 17 | 3856 | 3857 | SN | 1 | 0.0 | 25.755 | 8.586 | 0.0 | 27.702 | 8.664 | 0.0 | 163.09 | 2.243 | 0.0 | 62.987 | 2.499 | 0.0 | 1.859 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.074 | 0.0 |
| 18 | 3856 | 3857 | SN | 1 | 0.0 | 34.221 | 14.847 | 0.0 | 27.299 | 14.721 | 0.0 | 152.87 | 10.34 | 0.0 | 19.385 | 10.55 | 0.0 | 1.854 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.027 | 0.0 | 0.0 | 2.071 | 0.0 |
| 19 | 3857 | 3858 | NS | 1 | 0.0 | 25.926 | 14.056 | 0.0 | 33.614 | 15.961 | 0.0 | 325.967 | 13.223 | 0.0 | 92.933 | 13.053 | 0.0 | 1.933 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.052 | 0.0 |
| 20 | 3857 | 3858 | SN | 1 | 0.0 | 25.755 | 8.608 | 0.0 | 27.746 | 8.691 | 0.0 | 179.761 | 2.245 | 0.0 | 65.546 | 2.505 | 0.0 | 1.862 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.075 | 0.0 |
| 21 | 3857 | 3858 | NS | 1 | 0.0 | 26.979 | 9.604 | 0.0 | 25.926 | 9.711 | 0.0 | 356.89 | 4.292 | 0.0 | 136.656 | 3.898 | 0.0 | 1.924 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.053 | 0.0 |
| 22 | 3857 | 3858 | SN | 1 | 0.0 | 25.755 | 8.613 | 0.0 | 26.963 | 8.6 | 0.0 | 179.761 | 2.232 | 0.0 | 12.707 | 2.294 | 0.0 | 1.862 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.075 | 0.0 |
| 23 | 3857 | 3858 | SN | 1 | 0.0 | 33.399 | 14.828 | 0.0 | 27.299 | 14.945 | 0.0 | 185.944 | 10.328 | 0.0 | 58.928 | 10.927 | 0.0 | 1.854 | 0.0 | 0.0 | 1.924 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.072 | 0.0 |
| 24 | 3857 | 3858 | SN | 1 | 0.0 | 34.165 | 14.859 | 0.0 | 27.299 | 14.694 | 0.0 | 185.944 | 10.38 | 0.0 | 17.549 | 10.408 | 0.0 | 1.854 | 0.0 | 0.0 | 1.924 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.072 | 0.0 |
| 25 | 3858 | 3859 | SN | 1 | 0.0 | 25.772 | 8.587 | 0.0 | 27.685 | 8.671 | 0.0 | 174.224 | 2.26 | 0.0 | 66.743 | 2.497 | 0.0 | 1.86 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.073 | 0.0 |
| 26 | 3858 | 3859 | NS | 1 | 0.0 | 26.963 | 9.593 | 0.0 | 25.932 | 9.692 | 0.0 | 347.531 | 4.279 | 0.0 | 142.458 | 3.913 | 0.0 | 1.924 | 0.0 | 0.0 | 1.891 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.053 | 0.0 |
| 27 | 3858 | 3859 | NS | 1 | 0.0 | 25.926 | 14.066 | 0.0 | 33.614 | 15.939 | 0.0 | 350.023 | 13.25 | 0.0 | 94.428 | 13.082 | 0.0 | 1.929 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.052 | 0.0 |
| 28 | 3858 | 3859 | SN | 1 | 0.0 | 33.3 | 14.846 | 0.0 | 27.299 | 14.967 | 0.0 | 182.1 | 10.356 | 0.0 | 59.722 | 10.919 | 0.0 | 1.855 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.076 | 0.0 |
| 29 | 3858 | 3859 | SN | 1 | 0.0 | 25.772 | 8.589 | 0.0 | 26.963 | 8.551 | 0.0 | 174.224 | 2.252 | 0.0 | 12.486 | 2.268 | 0.0 | 1.86 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.073 | 0.0 |
| 30 | 3858 | 3859 | SN | 1 | 0.0 | 34.099 | 14.869 | 0.0 | 27.299 | 14.544 | 0.0 | 182.1 | 10.403 | 0.0 | 16.142 | 10.17 | 0.0 | 1.855 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.076 | 0.0 |
| 31 | 3859 | 3860 | SN | 1 | 0.0 | 30.834 | 14.85 | 0.0 | 27.299 | 14.986 | 0.0 | 153.775 | 10.301 | 0.0 | 160.666 | 10.903 | 0.0 | 1.855 | 0.0 | 0.0 | 1.948 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.076 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 3859 | 3860 | SN | 1 | 0.0 | 33.994 | 14.866 | 0.0 | 27.299 | 14.85 | 0.0 | 153.775 | 10.322 | 0.0 | 160.666 | 10.617 | 0.0 | 1.855 | 0.0 | 0.0 | 1.948 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.076 | 0.0 |
| 33 | 3859 | 3860 | NS | 1 | 0.0 | 25.909 | 14.056 | 0.0 | 33.603 | 15.937 | 0.0 | 350.272 | 13.213 | 0.0 | 82.863 | 13.06 | 0.0 | 1.93 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.052 | 0.0 |
| 34 | 3859 | 3860 | SN | 1 | 0.0 | 25.761 | 8.595 | 0.0 | 27.454 | 8.599 | 0.0 | 169.266 | 2.253 | 0.0 | 66.37 | 2.354 | 0.0 | 1.861 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.06 | 0.0 |
| 35 | 3859 | 3860 | SN | 1 | 0.0 | 25.761 | 8.594 | 0.0 | 27.735 | 8.659 | 0.0 | 169.266 | 2.254 | 0.0 | 66.781 | 2.476 | 0.0 | 1.861 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.06 | 0.0 |
| 36 | 3859 | 3860 | NS | 1 | 0.0 | 26.99 | 9.586 | 0.0 | 25.932 | 9.701 | 0.0 | 348.066 | 4.27 | 0.0 | 132.134 | 3.911 | 0.0 | 1.925 | 0.0 | 0.0 | 1.891 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.052 | 0.0 |
| 37 | 3860 | 3861 | SN | 1 | 0.0 | 25.755 | 8.601 | 0.0 | 196.69 | 8.547 | 0.0 | 178.703 | 2.228 | 0.0 | 12.48 | 2.232 | 0.0 | 1.858 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.07 | 0.0 |
| 38 | 3860 | 3861 | SN | 1 | 0.0 | 33.983 | 14.825 | 0.0 | 27.294 | 14.521 | 0.0 | 150.46 | 10.364 | 0.0 | 16.164 | 10.143 | 0.0 | 1.855 | 0.0 | 0.0 | 1.92 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.071 | 0.0 |
| 39 | 3860 | 3861 | NS | 1 | 0.0 | 26.971 | 9.581 | 0.0 | 25.937 | 9.705 | 0.0 | 352.389 | 4.292 | 0.0 | 132.608 | 3.947 | 0.0 | 1.925 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.052 | 0.0 |
| 40 | 3860 | 3861 | SN | 1 | 0.0 | 31.198 | 14.861 | 0.0 | 27.294 | 14.917 | 0.0 | 150.46 | 10.328 | 0.0 | 61.702 | 10.92 | 0.0 | 1.855 | 0.0 | 0.0 | 1.92 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.071 | 0.0 |
| 41 | 3860 | 3861 | SN | 1 | 0.0 | 25.755 | 8.608 | 0.0 | 196.69 | 8.677 | 0.0 | 178.703 | 2.232 | 0.0 | 61.762 | 2.479 | 0.0 | 1.858 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.07 | 0.0 |
| 42 | 3860 | 3861 | NS | 1 | 0.0 | 25.915 | 14.073 | 0.0 | 33.752 | 15.979 | 0.0 | 352.389 | 13.198 | 0.0 | 76.918 | 13.053 | 0.0 | 1.928 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.053 | 0.0 |
| 43 | 3861 | 3862 | NS | 1 | 0.0 | 26.966 | 9.56 | 0.0 | 25.932 | 9.742 | 0.0 | 349.488 | 4.294 | 0.0 | 165.042 | 3.961 | 0.0 | 1.929 | 0.0 | 0.0 | 1.891 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.053 | 0.0 |
| 44 | 3861 | 3862 | SN | 1 | 0.0 | 34.005 | 15.006 | 0.0 | 25.457 | 14.094 | 0.0 | 148.149 | 10.488 | 0.0 | 13.892 | 9.505 | 0.0 | 1.854 | 0.0 | 0.0 | 1.926 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.067 | 0.0 |
| 45 | 3861 | 3862 | SN | 1 | 0.0 | 31.187 | 14.912 | 0.0 | 27.299 | 14.927 | 0.0 | 148.149 | 10.337 | 0.0 | 62.579 | 10.898 | 0.0 | 1.854 | 0.0 | 0.0 | 1.926 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.067 | 0.0 |
| 46 | 3861 | 3862 | SN | 1 | 0.0 | 25.744 | 8.643 | 0.0 | 26.957 | 8.352 | 0.0 | 155.021 | 2.275 | 0.0 | 11.962 | 2.127 | 0.0 | 1.858 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.06 | 0.0 |
| 47 | 3861 | 3862 | SN | 1 | 0.0 | 25.744 | 8.588 | 0.0 | 27.74 | 8.645 | 0.0 | 155.021 | 2.234 | 0.0 | 63.003 | 2.492 | 0.0 | 1.858 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.06 | 0.0 |
| 48 | 3861 | 3862 | NS | 1 | 0.0 | 25.909 | 14.053 | 0.0 | 33.79 | 16.026 | 0.0 | 351.264 | 13.232 | 0.0 | 79.399 | 13.095 | 0.0 | 1.933 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.053 | 0.0 |
| 49 | 3862 | 3863 | NS | 1 | 0.0 | 25.909 | 14.018 | 0.0 | 37.883 | 15.956 | 0.0 | 293.666 | 13.237 | 0.0 | 74.044 | 13.068 | 0.0 | 1.935 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.053 | 0.0 |
| 50 | 3862 | 3863 | SN | 1 | 0.0 | 25.761 | 8.567 | 0.0 | 27.757 | 8.576 | 0.0 | 153.207 | 2.23 | 0.0 | 47.065 | 2.427 | 0.0 | 1.859 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.07 | 0.0 |
| 51 | 3862 | 3863 | SN | 1 | 0.0 | 38.125 | 14.856 | 0.0 | 27.299 | 14.901 | 0.0 | 157.933 | 10.283 | 0.0 | 52.42 | 10.717 | 0.0 | 1.854 | 0.0 | 0.0 | 1.937 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.074 | 0.0 |
| 52 | 3862 | 3863 | NS | 1 | 0.0 | 27.095 | 9.549 | 0.0 | 25.932 | 9.699 | 0.0 | 340.262 | 4.284 | 0.0 | 71.397 | 3.929 | 0.0 | 1.925 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.053 | 0.0 |
| 53 | 3863 | 3864 | NS | 1 | 0.0 | 27.117 | 9.59 | 0.0 | 25.921 | 9.7 | 0.0 | 341.001 | 4.264 | 0.0 | 71.452 | 3.918 | 0.0 | 1.93 | 0.0 | 0.0 | 1.891 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.053 | 0.0 |
| 54 | 3863 | 3864 | NS | 1 | 0.0 | 25.915 | 14.056 | 0.0 | 33.763 | 15.993 | 0.0 | 342.313 | 13.231 | 0.0 | 80.166 | 13.045 | 0.0 | 1.932 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.052 | 0.0 |
| 55 | 3863 | 3864 | SN | 1 | 0.0 | 25.75 | 8.583 | 0.0 | 27.829 | 8.573 | 0.0 | 161.893 | 2.239 | 0.0 | 141.463 | 2.445 | 0.0 | 1.858 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.073 | 0.0 |
| 56 | 3863 | 3864 | SN | 1 | 0.0 | 34.926 | 14.825 | 0.0 | 27.294 | 14.903 | 0.0 | 163.994 | 10.333 | 0.0 | 157.93 | 10.781 | 0.0 | 1.855 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.062 | 0.0 |
| 57 | 3864 | 3865 | NS | 1 | 0.0 | 27.117 | 9.594 | 0.0 | 25.926 | 9.691 | 0.0 | 341.674 | 4.285 | 0.0 | 135.112 | 3.938 | 0.0 | 1.924 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.054 | 0.0 |
| 58 | 3864 | 3865 | NS | 1 | 0.0 | 25.898 | 14.047 | 0.0 | 33.752 | 15.993 | 0.0 | 354.336 | 13.281 | 0.0 | 80.905 | 13.081 | 0.0 | 1.933 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.082 | 0.0 | 0.0 | 2.053 | 0.0 |
| 59 | 3868 | 3869 | SN | 1 | 0.0 | 25.75 | 8.599 | 0.0 | 27.729 | 8.658 | 0.0 | 162.273 | 2.233 | 0.0 | 64.934 | 2.526 | 0.0 | 1.859 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.069 | 0.0 |
| 60 | 3868 | 3869 | SN | 1 | 0.0 | 34.171 | 14.805 | 0.0 | 25.694 | 14.189 | 0.0 | 162.753 | 10.441 | 0.0 | 15.161 | 9.81 | 0.0 | 1.855 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.063 | 0.0 |
| 61 | 3868 | 3869 | SN | 1 | 0.0 | 30.873 | 14.802 | 0.0 | 27.305 | 14.903 | 0.0 | 162.753 | 10.364 | 0.0 | 62.584 | 10.882 | 0.0 | 1.855 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.063 | 0.0 |
| 62 | 3868 | 3869 | SN | 1 | 0.0 | 25.75 | 8.621 | 0.0 | 26.957 | 8.431 | 0.0 | 162.273 | 2.252 | 0.0 | 12.453 | 2.194 | 0.0 | 1.859 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.069 | 0.0 |
| 63 | 3869 | 3870 | SN | 1 | 0.0 | 34.099 | 14.853 | 0.0 | 27.305 | 14.706 | 0.0 | 160.062 | 10.338 | 0.0 | 17.593 | 10.453 | 0.0 | 1.856 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.057 | 0.0 |
| 64 | 3869 | 3870 | NS | 1 | 0.0 | 25.904 | 14.023 | 0.0 | 39.212 | 16.068 | 0.0 | 338.828 | 13.227 | 0.0 | 79.113 | 13.138 | 0.0 | 1.928 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.054 | 0.0 |
| 65 | 3869 | 3870 | SN | 1 | 0.0 | 25.744 | 8.62 | 0.0 | 26.957 | 8.571 | 0.0 | 159.781 | 2.244 | 0.0 | 12.811 | 2.341 | 0.0 | 1.859 | 0.0 | 0.0 | 1.927 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.071 | 0.0 |
| 66 | 3869 | 3870 | SN | 1 | 0.0 | 31.369 | 14.845 | 0.0 | 27.305 | 14.944 | 0.0 | 160.062 | 10.284 | 0.0 | 59.297 | 10.971 | 0.0 | 1.856 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.057 | 0.0 |
| 67 | 3869 | 3870 | SN | 1 | 0.0 | 25.744 | 8.62 | 0.0 | 27.63 | 8.665 | 0.0 | 159.781 | 2.245 | 0.0 | 66.13 | 2.521 | 0.0 | 1.859 | 0.0 | 0.0 | 1.927 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.071 | 0.0 |
| 68 | 3869 | 3870 | NS | 1 | 0.0 | 26.963 | 9.573 | 0.0 | 25.926 | 9.723 | 0.0 | 339.457 | 4.278 | 0.0 | 90.645 | 3.956 | 0.0 | 1.924 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.054 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 3870 | 3871 | NS | 1 | 0.0 | 26.979 | 9.615 | 0.0 | 25.921 | 9.695 | 0.0 | 339.986 | 4.219 | 0.0 | 116.306 | 3.935 | 0.0 | 1.925 | 0.0 | 0.0 | 1.891 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.053 | 0.0 |
| 70 | 3870 | 3871 | SN | 1 | 0.0 | 36.653 | 14.817 | 0.0 | 27.305 | 14.777 | 0.0 | 157.624 | 10.445 | 0.0 | 21.249 | 10.682 | 0.0 | 1.856 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.066 | 0.0 |
| 71 | 3870 | 3871 | SN | 1 | 0.0 | 32.886 | 14.805 | 0.0 | 27.305 | 14.913 | 0.0 | 157.624 | 10.405 | 0.0 | 43.326 | 11.007 | 0.0 | 1.856 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.066 | 0.0 |
| 72 | 3870 | 3871 | NS | 1 | 0.0 | 25.915 | 14.031 | 0.0 | 33.669 | 16.056 | 0.0 | 292.006 | 13.159 | 0.0 | 95.387 | 13.089 | 0.0 | 1.928 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.082 | 0.0 | 0.0 | 2.053 | 0.0 |
| 73 | 3870 | 3871 | SN | 1 | 0.0 | 25.755 | 8.629 | 0.0 | 26.952 | 8.603 | 0.0 | 158.628 | 2.255 | 0.0 | 14.499 | 2.398 | 0.0 | 1.858 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.027 | 0.0 | 0.0 | 2.069 | 0.0 |
| 74 | 3870 | 3871 | SN | 1 | 0.0 | 25.755 | 8.624 | 0.0 | 27.647 | 8.683 | 0.0 | 158.628 | 2.252 | 0.0 | 67.129 | 2.552 | 0.0 | 1.858 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.027 | 0.0 | 0.0 | 2.069 | 0.0 |
| 75 | 3871 | 3872 | NS | 1 | 0.0 | 25.915 | 13.992 | 0.0 | 33.719 | 16.025 | 0.0 | 350.426 | 13.108 | 0.0 | 83.348 | 13.053 | 0.0 | 1.927 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.053 | 0.0 |
| 76 | 3871 | 3872 | SN | 1 | 0.0 | 33.283 | 14.858 | 0.0 | 27.305 | 14.945 | 0.0 | 148.778 | 10.38 | 0.0 | 60.654 | 11.13 | 0.0 | 1.856 | 0.0 | 0.0 | 1.92 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.067 | 0.0 |
| 77 | 3871 | 3872 | SN | 1 | 0.0 | 25.761 | 8.647 | 0.0 | 27.691 | 8.701 | 0.0 | 157.023 | 2.294 | 0.0 | 60.637 | 2.573 | 0.0 | 1.86 | 0.0 | 0.0 | 1.927 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.071 | 0.0 |
| 78 | 3871 | 3872 | NS | 1 | 0.0 | 26.968 | 9.611 | 0.0 | 25.915 | 9.679 | 0.0 | 348.049 | 4.201 | 0.0 | 130.728 | 3.919 | 0.0 | 1.93 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.053 | 0.0 |
| 79 | 3871 | 3872 | SN | 1 | 0.0 | 38.169 | 14.866 | 0.0 | 27.305 | 14.73 | 0.0 | 148.778 | 10.42 | 0.0 | 19.33 | 10.658 | 0.0 | 1.856 | 0.0 | 0.0 | 1.92 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.067 | 0.0 |
| 80 | 3871 | 3872 | SN | 1 | 0.0 | 25.761 | 8.649 | 0.0 | 26.957 | 8.604 | 0.0 | 157.023 | 2.289 | 0.0 | 12.977 | 2.387 | 0.0 | 1.86 | 0.0 | 0.0 | 1.927 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.071 | 0.0 |
| 81 | 3872 | 3873 | SN | 1 | 0.0 | 31.276 | 14.848 | 0.0 | 27.31 | 14.952 | 0.0 | 177.401 | 10.518 | 0.0 | 54.091 | 11.081 | 0.0 | 1.856 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.081 | 0.0 |
| 82 | 3872 | 3873 | SN | 1 | 0.0 | 25.766 | 8.671 | 0.0 | 27.713 | 8.697 | 0.0 | 159.102 | 2.284 | 0.0 | 57.345 | 2.602 | 0.0 | 1.861 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.055 | 0.0 |
| 83 | 3872 | 3873 | NS | 1 | 0.0 | 25.915 | 14.069 | 0.0 | 33.873 | 15.986 | 0.0 | 296.131 | 13.155 | 0.0 | 76.51 | 13.072 | 0.0 | 1.929 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.052 | 0.0 |
| 84 | 3872 | 3873 | SN | 1 | 0.0 | 25.766 | 8.679 | 0.0 | 26.941 | 8.586 | 0.0 | 159.102 | 2.283 | 0.0 | 12.42 | 2.385 | 0.0 | 1.861 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.055 | 0.0 |
| 85 | 3872 | 3873 | NS | 1 | 0.0 | 27.046 | 9.567 | 0.0 | 25.921 | 9.614 | 0.0 | 311.148 | 4.198 | 0.0 | 129.343 | 3.914 | 0.0 | 1.923 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.052 | 0.0 |
| 86 | 3872 | 3873 | SN | 1 | 0.0 | 34.116 | 14.839 | 0.0 | 27.31 | 14.585 | 0.0 | 177.401 | 10.545 | 0.0 | 15.938 | 10.446 | 0.0 | 1.856 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.081 | 0.0 |
| 87 | 3873 | 3874 | SN | 1 | 0.0 | 31.209 | 14.888 | 0.0 | 27.305 | 14.971 | 0.0 | 159.185 | 10.425 | 0.0 | 54.924 | 11.052 | 0.0 | 1.857 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.082 | 0.0 |
| 88 | 3873 | 3874 | NS | 1 | 0.0 | 25.926 | 14.079 | 0.0 | 33.829 | 15.998 | 0.0 | 351.887 | 13.211 | 0.0 | 85.356 | 13.088 | 0.0 | 1.931 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.053 | 0.0 |
| 89 | 3873 | 3874 | SN | 1 | 0.0 | 25.766 | 8.638 | 0.0 | 26.952 | 8.541 | 0.0 | 167.783 | 2.299 | 0.0 | 12.436 | 2.346 | 0.0 | 1.861 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.027 | 0.0 | 0.0 | 2.062 | 0.0 |
| 90 | 3873 | 3874 | SN | 1 | 0.0 | 25.766 | 8.636 | 0.0 | 27.691 | 8.684 | 0.0 | 167.783 | 2.29 | 0.0 | 65.435 | 2.584 | 0.0 | 1.861 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.027 | 0.0 | 0.0 | 2.062 | 0.0 |
| 91 | 3873 | 3874 | SN | 1 | 0.0 | 34.116 | 14.894 | 0.0 | 27.277 | 14.473 | 0.0 | 159.185 | 10.448 | 0.0 | 15.927 | 10.221 | 0.0 | 1.857 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.082 | 0.0 |
| 92 | 3873 | 3874 | NS | 1 | 0.0 | 26.966 | 9.574 | 0.0 | 25.915 | 9.64 | 0.0 | 341.089 | 4.197 | 0.0 | 135.322 | 3.911 | 0.0 | 1.926 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.053 | 0.0 |
| 93 | 3874 | 3875 | SN | 1 | 0.0 | 31.154 | 14.908 | 0.0 | 27.305 | 14.94 | 0.0 | 147.057 | 10.504 | 0.0 | 196.0 | 11.029 | 0.0 | 1.857 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.074 | 0.0 |
| 94 | 3874 | 3875 | NS | 1 | 0.0 | 25.92 | 14.12 | 0.0 | 33.785 | 16.031 | 0.0 | 352.119 | 13.218 | 0.0 | 87.744 | 13.109 | 0.0 | 1.932 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.053 | 0.0 |
| 95 | 3874 | 3875 | NS | 1 | 0.0 | 26.993 | 9.603 | 0.0 | 25.92 | 9.638 | 0.0 | 350.139 | 4.214 | 0.0 | 136.573 | 3.916 | 0.0 | 1.923 | 0.0 | 0.0 | 1.89 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.052 | 0.0 |
| 96 | 3874 | 3875 | SN | 1 | 0.0 | 25.744 | 8.673 | 0.0 | 26.957 | 8.524 | 0.0 | 149.666 | 2.316 | 0.0 | 12.42 | 2.261 | 0.0 | 1.861 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.064 | 0.0 |
| 97 | 3874 | 3875 | SN | 1 | 0.0 | 25.744 | 8.662 | 0.0 | 27.669 | 8.712 | 0.0 | 149.666 | 2.292 | 0.0 | 224.513 | 2.552 | 0.0 | 1.861 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.064 | 0.0 |
| 98 | 3874 | 3875 | SN | 1 | 0.0 | 34.066 | 14.906 | 0.0 | 25.75 | 14.275 | 0.0 | 147.057 | 10.545 | 0.0 | 15.315 | 9.939 | 0.0 | 1.857 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.074 | 0.0 |
| 99 | 3875 | 3876 | SN | 1 | 0.0 | 31.127 | 14.775 | 0.0 | 27.299 | 14.914 | 0.0 | 154.762 | 10.409 | 0.0 | 58.817 | 11.047 | 0.0 | 1.856 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.062 | 0.0 |
| 100 | 3875 | 3876 | NS | 1 | 0.0 | 27.018 | 9.572 | 0.0 | 25.921 | 9.675 | 0.0 | 324.671 | 4.232 | 0.0 | 85.168 | 3.929 | 0.0 | 1.924 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.052 | 0.0 |
| 101 | 3875 | 3876 | SN | 1 | 0.0 | 34.094 | 14.848 | 0.0 | 25.579 | 14.103 | 0.0 | 154.762 | 10.519 | 0.0 | 14.212 | 9.745 | 0.0 | 1.856 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.062 | 0.0 |
| 102 | 3875 | 3876 | NS | 1 | 0.0 | 25.915 | 14.037 | 0.0 | 38.004 | 16.025 | 0.0 | 307.084 | 13.265 | 0.0 | 81.396 | 13.132 | 0.0 | 1.927 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.053 | 0.0 |
| 103 | 3875 | 3876 | SN | 1 | 0.0 | 25.761 | 8.623 | 0.0 | 27.696 | 8.714 | 0.0 | 150.317 | 2.284 | 0.0 | 64.299 | 2.513 | 0.0 | 1.862 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.05 | 0.0 |
| 104 | 3875 | 3876 | SN | 1 | 0.0 | 25.761 | 8.671 | 0.0 | 26.952 | 8.452 | 0.0 | 150.317 | 2.328 | 0.0 | 12.442 | 2.177 | 0.0 | 1.862 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.05 | 0.0 |
| 105 | 3876 | 3877 | SN | 1 | 0.0 | 25.766 | 8.624 | 0.0 | 27.729 | 8.601 | 0.0 | 149.903 | 2.261 | 0.0 | 69.5 | 2.477 | 0.0 | 1.858 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.061 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 3876 | 3877 | NS | 1 | 0.0 | 25.943 | 14.097 | 0.0 | 38.125 | 16.053 | 0.0 | 351.766 | 13.25 | 0.0 | 82.868 | 13.132 | 0.0 | 1.928 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.053 | 0.0 |
| 107 | 3876 | 3877 | NS | 1 | 0.0 | 27.04 | 9.558 | 0.0 | 25.915 | 9.684 | 0.0 | 314.033 | 4.214 | 0.0 | 87.595 | 3.947 | 0.0 | 1.927 | 0.0 | 0.0 | 1.89 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.052 | 0.0 |
| 108 | 3876 | 3877 | SN | 1 | 0.0 | 34.055 | 14.812 | 0.0 | 27.299 | 14.914 | 0.0 | 152.247 | 10.374 | 0.0 | 59.562 | 10.897 | 0.0 | 1.856 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.054 | 0.0 |
| 109 | 3877 | 3878 | NS | 1 | 0.0 | 25.909 | 14.062 | 0.0 | 33.768 | 16.001 | 0.0 | 343.94 | 13.181 | 0.0 | 83.183 | 13.088 | 0.0 | 1.93 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.053 | 0.0 |
| 110 | 3877 | 3878 | SN | 1 | 0.0 | 25.766 | 8.64 | 0.0 | 27.746 | 8.562 | 0.0 | 155.881 | 2.263 | 0.0 | 71.811 | 2.46 | 0.0 | 1.863 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.061 | 0.0 |
| 111 | 3877 | 3878 | SN | 1 | 0.0 | 34.176 | 14.792 | 0.0 | 27.299 | 14.903 | 0.0 | 157.293 | 10.382 | 0.0 | 60.174 | 10.875 | 0.0 | 1.856 | 0.0 | 0.0 | 1.921 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.054 | 0.0 |
| 112 | 3877 | 3878 | NS | 1 | 0.0 | 26.968 | 9.545 | 0.0 | 25.921 | 9.656 | 0.0 | 326.618 | 4.192 | 0.0 | 141.587 | 3.911 | 0.0 | 1.925 | 0.0 | 0.0 | 1.89 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.052 | 0.0 |
| 113 | 3878 | 3879 | NS | 1 | 0.0 | 26.985 | 9.579 | 0.0 | 25.921 | 9.624 | 0.0 | 346.819 | 4.21 | 0.0 | 142.651 | 3.902 | 0.0 | 1.925 | 0.0 | 0.0 | 1.89 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.052 | 0.0 |
| 114 | 3878 | 3879 | NS | 1 | 0.0 | 25.915 | 14.093 | 0.0 | 33.741 | 16.013 | 0.0 | 328.504 | 13.19 | 0.0 | 83.558 | 13.052 | 0.0 | 1.931 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.053 | 0.0 |

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