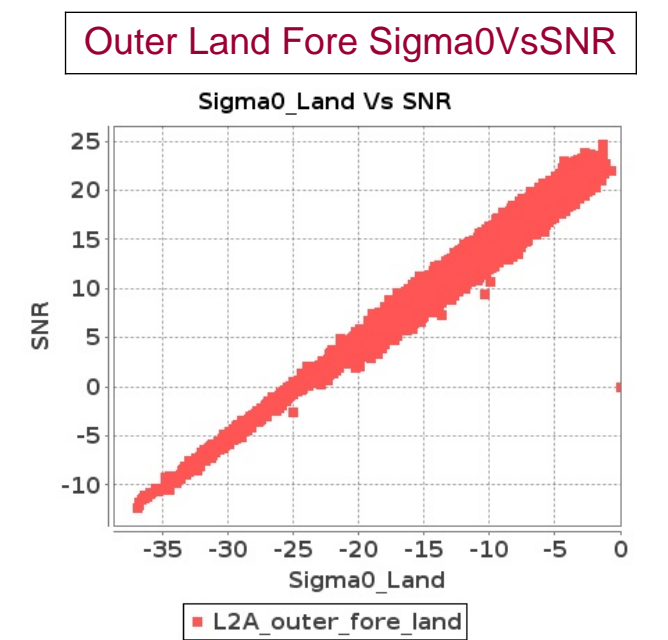
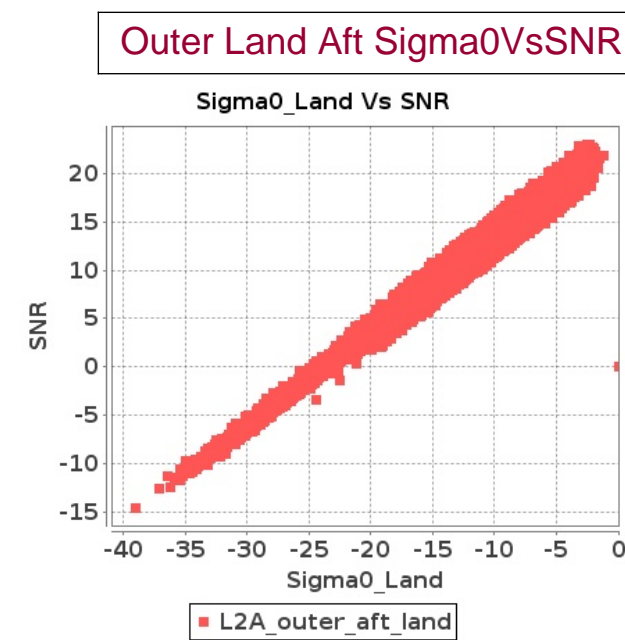
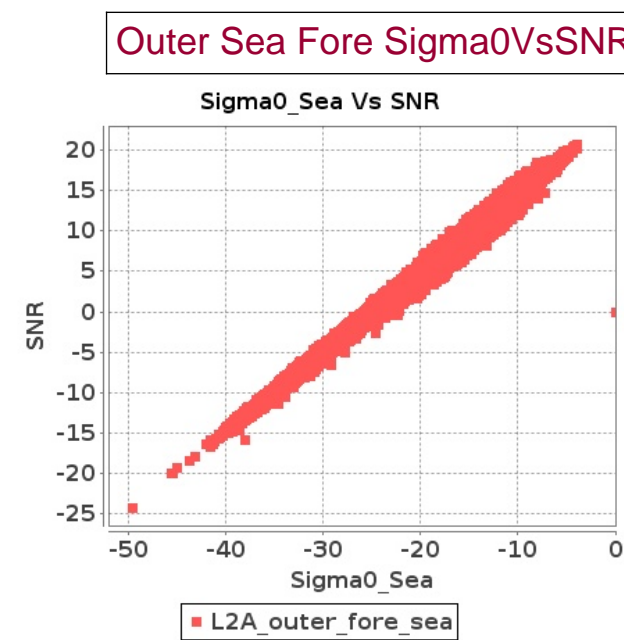
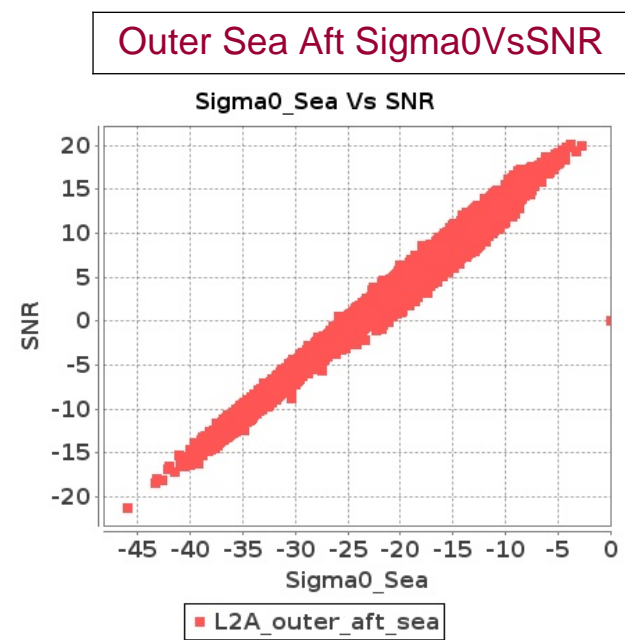
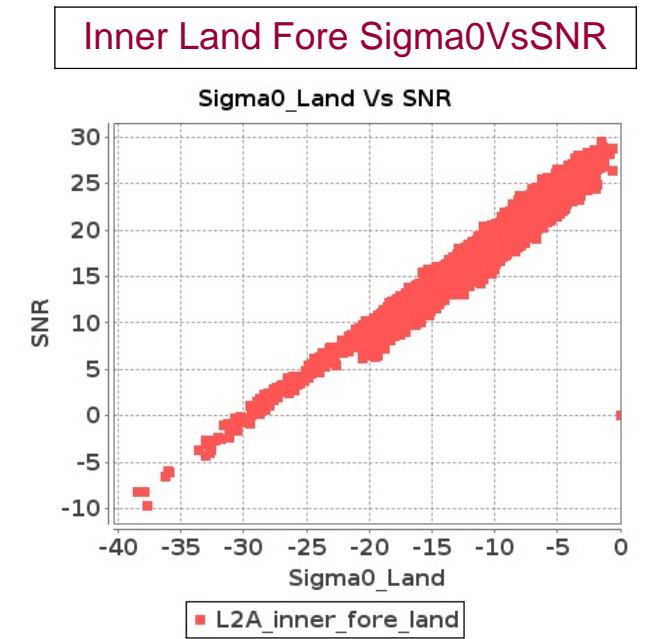
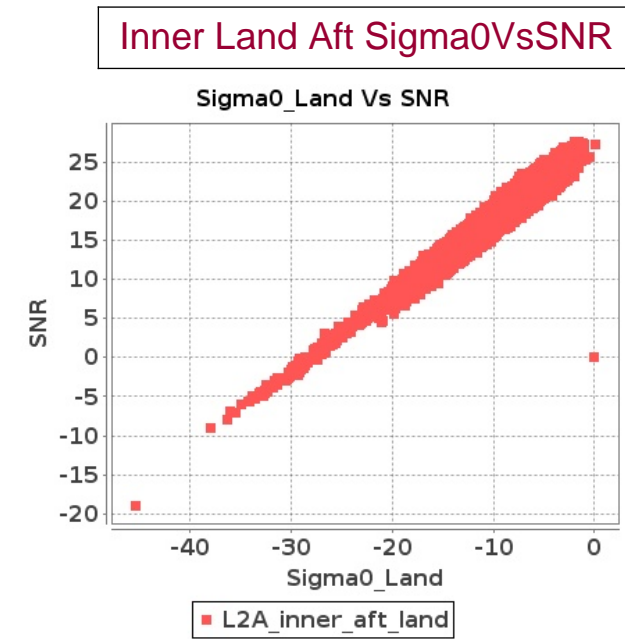
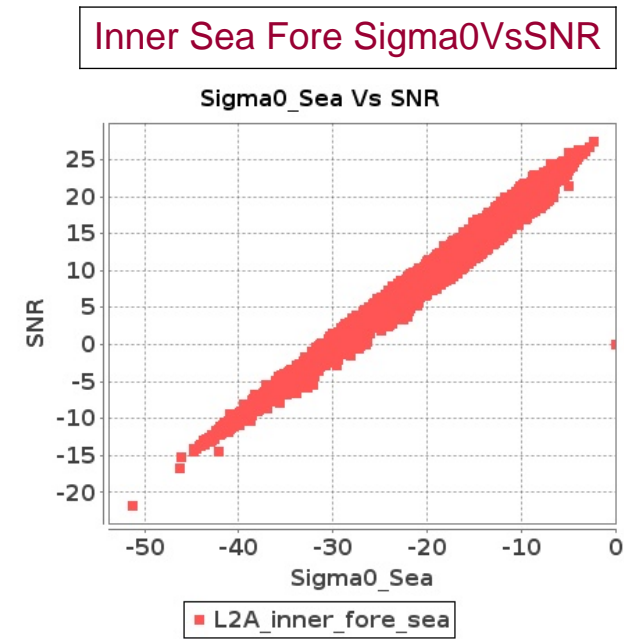
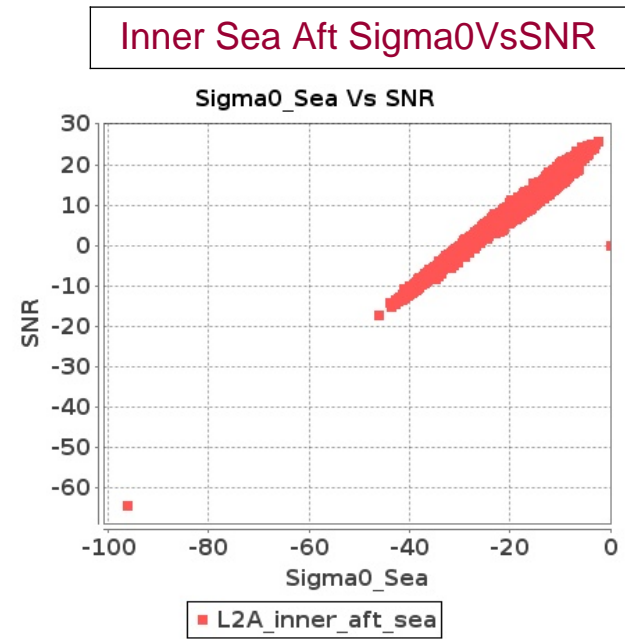


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 08-MAR-2018 To 09-MAR-2018



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

Report between 08-MAR-2018 To 09-MAR-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 | 7653 | 7654 | NS | 1 | 0.0 | 54.269 | 9.545 | 0.0 | 55.731 | 8.906 | 0.0 | 46.248 | 6.031 | 0.0 | 45.42 | 5.838 | 0.0 | 52.611 | 8.892 | 0.0 | 57.127 | 8.254 | 0.0 | 47.458 | 5.682 | 0.0 | 46.606 | 5.524 |
| 2 | 7653 | 7654 | SN | 1 | 0.0 | 49.097 | 2.497 | 0.0 | 54.926 | 2.242 | 0.0 | 44.977 | 1.62 | 0.0 | 46.661 | 1.705 | 0.0 | 45.181 | 2.209 | 0.0 | 55.659 | 2.025 | 0.0 | 41.552 | 1.454 | 0.0 | 45.641 | 1.462 |
| 3 | 7653 | 7654 | NS | 1 | 0.0 | 53.372 | 2.865 | 0.0 | 47.267 | 2.572 | 0.0 | 44.325 | 1.856 | 0.0 | 49.772 | 1.784 | 0.0 | 49.692 | 2.621 | 0.0 | 46.762 | 2.401 | 0.0 | 41.002 | 1.648 | 0.0 | 45.255 | 1.583 |
| 4 | 7653 | 7654 | SN | 1 | 0.0 | 56.631 | 8.503 | 0.0 | 53.299 | 7.404 | 0.0 | 48.729 | 5.44 | 0.0 | 44.699 | 5.529 | 0.0 | 54.908 | 7.972 | 0.0 | 55.677 | 7.071 | 0.0 | 47.061 | 4.902 | 0.0 | 46.882 | 4.988 |
| 5 | 7653 | 7654 | NS | 1 | 0.0 | 48.956 | 2.875 | 0.0 | 53.862 | 2.588 | 0.0 | 39.891 | 1.824 | 0.0 | 41.463 | 1.814 | 0.0 | 45.865 | 2.605 | 0.0 | 50.297 | 2.421 | 0.0 | 42.765 | 1.658 | 0.0 | 40.238 | 1.601 |
| 6 | 7653 | 7654 | SN | 1 | 0.0 | 49.097 | 2.548 | 0.0 | 54.926 | 2.285 | 0.0 | 44.977 | 1.653 | 0.0 | 46.661 | 1.738 | 0.0 | 45.181 | 2.254 | 0.0 | 55.659 | 2.064 | 0.0 | 41.552 | 1.484 | 0.0 | 45.641 | 1.49 |
| 7 | 7653 | 7654 | SN | 1 | 0.0 | 47.352 | 2.454 | 0.0 | 55.599 | 2.228 | 0.0 | 47.915 | 1.586 | 0.0 | 46.842 | 1.676 | 0.0 | 44.684 | 2.198 | 0.0 | 56.334 | 2.023 | 0.0 | 43.116 | 1.424 | 0.0 | 42.181 | 1.448 |
| 8 | 7653 | 7654 | SN | 1 | 0.0 | 57.152 | 8.523 | 0.0 | 52.883 | 7.353 | 0.0 | 49.441 | 5.405 | 0.0 | 49.086 | 5.472 | 0.0 | 56.831 | 7.911 | 0.0 | 55.261 | 7.051 | 0.0 | 47.776 | 4.966 | 0.0 | 47.213 | 5.038 |
| 9 | 7653 | 7654 | SN | 1 | 0.0 | 56.631 | 8.674 | 0.0 | 53.299 | 7.537 | 0.0 | 48.729 | 5.551 | 0.0 | 44.699 | 5.631 | 0.0 | 54.908 | 8.132 | 0.0 | 55.677 | 7.198 | 0.0 | 47.061 | 5.003 | 0.0 | 46.882 | 5.079 |
| 10 | 7653 | 7654 | NS | 1 | 0.0 | 51.691 | 9.575 | 0.0 | 59.151 | 8.876 | 0.0 | 47.146 | 6.031 | 0.0 | 46.077 | 5.802 | 0.0 | 49.705 | 8.922 | 0.0 | 59.321 | 8.264 | 0.0 | 48.354 | 5.775 | 0.0 | 42.727 | 5.496 |
| 11 | 7654 | 7655 | SN | 1 | 0.0 | 42.137 | 2.231 | 0.0 | 51.712 | 2.032 | 0.0 | 43.285 | 1.782 | 0.0 | 40.801 | 1.717 | 0.0 | 42.862 | 2.042 | 0.0 | 47.438 | 1.919 | 0.0 | 42.951 | 1.665 | 0.0 | 39.466 | 1.565 |
| 12 | 7654 | 7655 | SN | 1 | 0.0 | 50.938 | 6.36 | 0.0 | 50.517 | 5.276 | 0.0 | 39.416 | 4.955 | 0.0 | 41.073 | 5.323 | 0.0 | 52.849 | 6.16 | 0.0 | 52.331 | 4.973 | 0.0 | 40.56 | 4.885 | 0.0 | 43.063 | 5.166 |
| 13 | 7654 | 7655 | NS | 1 | 0.0 | 40.869 | 2.466 | 0.0 | 42.074 | 2.215 | 0.0 | 45.013 | 1.607 | 0.0 | 39.133 | 1.484 | 0.0 | 40.023 | 2.201 | 0.0 | 44.51 | 2.093 | 0.0 | 43.281 | 1.449 | 0.0 | 37.72 | 1.383 |
| 14 | 7654 | 7655 | SN | 1 | 0.0 | 42.137 | 2.231 | 0.0 | 51.712 | 2.032 | 0.0 | 43.285 | 1.78 | 0.0 | 40.801 | 1.717 | 0.0 | 42.862 | 2.042 | 0.0 | 47.438 | 1.919 | 0.0 | 42.951 | 1.664 | 0.0 | 39.466 | 1.565 |
| 15 | 7654 | 7655 | SN | 1 | 0.0 | 50.938 | 6.36 | 0.0 | 50.517 | 5.276 | 0.0 | 39.416 | 4.941 | 0.0 | 41.073 | 5.323 | 0.0 | 52.849 | 6.16 | 0.0 | 52.331 | 4.973 | 0.0 | 40.56 | 4.87 | 0.0 | 43.063 | 5.166 |
| 16 | 7654 | 7655 | NS | 1 | 0.0 | 43.895 | 2.463 | 0.0 | 42.388 | 2.229 | 0.0 | 38.658 | 1.646 | 0.0 | 44.113 | 1.507 | 0.0 | 43.514 | 2.208 | 0.0 | 43.705 | 2.044 | 0.0 | 37.885 | 1.472 | 0.0 | 43.159 | 1.41 |
| 17 | 7654 | 7655 | NS | 1 | 0.0 | 50.163 | 7.403 | 0.0 | 52.923 | 7.02 | 0.0 | 46.005 | 4.891 | 0.0 | 52.62 | 4.584 | 0.0 | 50.365 | 7.112 | 0.0 | 53.722 | 6.889 | 0.0 | 44.078 | 4.784 | 0.0 | 50.063 | 4.478 |
| 18 | 7654 | 7655 | NS | 1 | 0.0 | 51.039 | 7.403 | 0.0 | 51.865 | 7.06 | 0.0 | 42.581 | 4.948 | 0.0 | 47.429 | 4.691 | 0.0 | 52.182 | 7.022 | 0.0 | 53.3 | 6.789 | 0.0 | 43.086 | 4.762 | 0.0 | 48.661 | 4.47 |
| 19 | 7655 | 7656 | SN | 1 | 0.0 | 47.677 | 1.649 | 0.0 | 41.48 | 1.375 | 0.0 | 42.742 | 1.377 | 0.0 | 39.09 | 1.267 | 0.0 | 44.121 | 1.303 | 0.0 | 42.717 | 1.132 | 0.0 | 40.743 | 1.147 | 0.0 | 37.738 | 0.987 |
| 20 | 7655 | 7656 | SN | 1 | 0.0 | 47.119 | 4.856 | 0.0 | 50.991 | 3.511 | 0.0 | 38.893 | 3.531 | 0.0 | 46.961 | 3.635 | 0.0 | 45.134 | 4.133 | 0.0 | 50.559 | 2.815 | 0.0 | 38.814 | 3.064 | 0.0 | 50.182 | 3.008 |
| 21 | 7655 | 7656 | NS | 1 | 0.0 | 49.747 | 4.269 | 0.0 | 49.719 | 4.712 | 0.0 | 43.95 | 3.671 | 0.0 | 45.356 | 3.807 | 0.0 | 47.721 | 3.586 | 0.0 | 50.192 | 4.13 | 0.0 | 41.361 | 3.272 | 0.0 | 46.158 | 3.508 |
| 22 | 7655 | 7656 | SN | 1 | 0.0 | 47.119 | 4.918 | 0.0 | 50.991 | 3.556 | 0.0 | 38.893 | 3.572 | 0.0 | 46.961 | 3.682 | 0.0 | 45.134 | 4.187 | 0.0 | 50.559 | 2.851 | 0.0 | 38.814 | 3.098 | 0.0 | 50.182 | 3.047 |
| 23 | 7655 | 7656 | SN | 1 | 0.0 | 47.119 | 4.856 | 0.0 | 50.991 | 3.511 | 0.0 | 38.893 | 3.531 | 0.0 | 46.961 | 3.635 | 0.0 | 45.134 | 4.133 | 0.0 | 50.559 | 2.815 | 0.0 | 38.814 | 3.064 | 0.0 | 50.182 | 3.008 |
| 24 | 7655 | 7656 | SN | 1 | 0.0 | 47.677 | 1.628 | 0.0 | 41.48 | 1.359 | 0.0 | 42.742 | 1.359 | 0.0 | 39.09 | 1.251 | 0.0 | 44.121 | 1.286 | 0.0 | 42.717 | 1.118 | 0.0 | 40.743 | 1.132 | 0.0 | 37.738 | 0.974 |
| 25 | 7655 | 7656 | NS | 1 | 0.0 | 41.132 | 1.628 | 0.0 | 43.087 | 1.675 | 0.0 | 39.993 | 1.249 | 0.0 | 37.903 | 1.239 | 0.0 | 40.56 | 1.393 | 0.0 | 43.722 | 1.444 | 0.0 | 38.356 | 1.066 | 0.0 | 36.57 | 1.065 |
| 26 | 7655 | 7656 | SN | 1 | 0.0 | 47.677 | 1.628 | 0.0 | 41.48 | 1.359 | 0.0 | 42.742 | 1.359 | 0.0 | 39.09 | 1.251 | 0.0 | 44.121 | 1.286 | 0.0 | 42.717 | 1.118 | 0.0 | 40.743 | 1.132 | 0.0 | 37.738 | 0.974 |
| 27 | 7656 | 7657 | NS | 1 | 0.0 | 51.775 | 8.134 | 0.0 | 50.437 | 7.879 | 0.0 | 47.233 | 4.895 | 0.0 | 47.327 | 5.302 | 0.0 | 53.176 | 7.451 | 0.0 | 50.545 | 7.508 | 0.0 | 45.872 | 4.653 | 0.0 | 44.256 | 4.889 |
| 28 | 7656 | 7657 | SN | 1 | 0.0 | 44.23 | 1.639 | 0.0 | 38.548 | 1.188 | 0.0 | 39.153 | 1.202 | 0.0 | 38.658 | 1.061 | 0.0 | 41.189 | 1.281 | 0.0 | 36.856 | 0.894 | 0.0 | 37.711 | 0.978 | 0.0 | 39.05 | 0.836 |
| 29 | 7656 | 7657 | SN | 1 | 0.0 | 46.964 | 4.485 | 0.0 | 47.7 | 3.4 | 0.0 | 37.945 | 3.233 | 0.0 | 40.296 | 3.001 | 0.0 | 46.935 | 3.552 | 0.0 | 46.032 | 2.866 | 0.0 | 36.452 | 2.738 | 0.0 | 36.476 | 2.359 |
| 30 | 7656 | 7657 | NS | 1 | 0.0 | 53.073 | 8.047 | 0.0 | 51.869 | 8.11 | 0.0 | 48.802 | 4.819 | 0.0 | 45.076 | 5.081 | 0.0 | 53.09 | 7.645 | 0.0 | 49.97 | 7.509 | 0.0 | 50.205 | 4.648 | 0.0 | 44.251 | 4.839 |
| 31 | 7656 | 7657 | NS | 1 | 0.0 | 43.83 | 2.347 | 0.0 | 50.251 | 2.176 | 0.0 | 43.014 | 1.386 | 0.0 | 43.079 | 1.413 | 0.0 | 44.429 | 2.13 | 0.0 | 49.619 | 2.05 | 0.0 | 39.696 | 1.278 | 0.0 | 43.502 | 1.288 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 32 | 7656 | 7657 | SN | 1 | 0.0 | 44.23 | 1.674 | 0.0 | 38.548 | 1.214 | 0.0 | 39.153 | 1.228 | 0.0 | 38.658 | 1.081 | 0.0 | 41.189 | 1.31 | 0.0 | 36.856 | 0.914 | 0.0 | 37.711 | 0.997 | 0.0 | 39.05 | 0.852 |
| 33 | 7656 | 7657 | SN | 1 | 0.0 | 46.964 | 4.585 | 0.0 | 47.7 | 3.47 | 0.0 | 37.945 | 3.308 | 0.0 | 40.296 | 3.064 | 0.0 | 46.935 | 3.631 | 0.0 | 46.032 | 2.925 | 0.0 | 36.452 | 2.801 | 0.0 | 36.476 | 2.409 |
| 34 | 7656 | 7657 | SN | 1 | 0.0 | 52.637 | 4.485 | 0.0 | 46.52 | 3.4 | 0.0 | 37.993 | 3.325 | 0.0 | 40.138 | 3.008 | 0.0 | 52.787 | 3.572 | 0.0 | 44.851 | 2.835 | 0.0 | 36.5 | 2.816 | 0.0 | 36.318 | 2.345 |
| 35 | 7656 | 7657 | SN | 1 | 0.0 | 48.242 | 1.641 | 0.0 | 38.024 | 1.179 | 0.0 | 39.153 | 1.209 | 0.0 | 38.472 | 1.052 | 0.0 | 43.757 | 1.286 | 0.0 | 37.07 | 0.883 | 0.0 | 37.711 | 0.983 | 0.0 | 39.052 | 0.823 |
| 36 | 7656 | 7657 | NS | 1 | 0.0 | 46.95 | 2.211 | 0.0 | 42.904 | 2.077 | 0.0 | 43.277 | 1.519 | 0.0 | 42.315 | 1.475 | 0.0 | 47.72 | 2.084 | 0.0 | 42.04 | 1.991 | 0.0 | 40.422 | 1.359 | 0.0 | 41.38 | 1.34 |
| 37 | 7657 | 7658 | SN | 1 | 0.0 | 38.574 | 1.488 | 0.0 | 44.998 | 1.212 | 0.0 | 38.853 | 1.145 | 0.0 | 40.233 | 1.228 | 0.0 | 36.3 | 1.063 | 0.0 | 44.932 | 0.95 | 0.0 | 36.138 | 0.884 | 0.0 | 37.434 | 0.917 |
| 38 | 7657 | 7658 | NS | 1 | 0.0 | 49.601 | 4.069 | 0.0 | 59.699 | 3.98 | 0.0 | 41.662 | 3.509 | 0.0 | 50.316 | 3.814 | 0.0 | 51.117 | 3.617 | 0.0 | 58.441 | 3.589 | 0.0 | 42.019 | 3.138 | 0.0 | 49.124 | 3.345 |
| 39 | 7657 | 7658 | NS | 1 | 0.0 | 43.041 | 1.346 | 0.0 | 46.124 | 1.238 | 0.0 | 38.762 | 1.047 | 0.0 | 40.845 | 1.118 | 0.0 | 40.995 | 1.217 | 0.0 | 43.327 | 1.119 | 0.0 | 36.392 | 0.935 | 0.0 | 43.12 | 0.948 |
| 40 | 7657 | 7658 | NS | 1 | 0.0 | 38.734 | 1.337 | 0.0 | 45.76 | 1.261 | 0.0 | 37.928 | 1.056 | 0.0 | 40.733 | 1.137 | 0.0 | 41.011 | 1.229 | 0.0 | 43.513 | 1.132 | 0.0 | 38.584 | 0.93 | 0.0 | 43.008 | 0.962 |
| 41 | 7657 | 7658 | SN | 1 | 0.0 | 45.508 | 5.165 | 0.0 | 45.514 | 3.622 | 0.0 | 42.611 | 2.928 | 0.0 | 38.584 | 3.448 | 0.0 | 46.409 | 3.821 | 0.0 | 43.785 | 2.795 | 0.0 | 38.801 | 2.469 | 0.0 | 37.259 | 2.863 |
| 42 | 7657 | 7658 | SN | 1 | 0.0 | 45.508 | 5.351 | 0.0 | 45.514 | 3.714 | 0.0 | 42.611 | 3.021 | 0.0 | 38.584 | 3.537 | 0.0 | 46.409 | 3.959 | 0.0 | 43.785 | 2.869 | 0.0 | 38.801 | 2.552 | 0.0 | 37.259 | 2.947 |
| 43 | 7657 | 7658 | SN | 1 | 0.0 | 38.574 | 1.54 | 0.0 | 44.998 | 1.246 | 0.0 | 38.853 | 1.176 | 0.0 | 40.233 | 1.271 | 0.0 | 36.3 | 1.102 | 0.0 | 44.932 | 0.982 | 0.0 | 36.138 | 0.909 | 0.0 | 37.434 | 0.95 |
| 44 | 7657 | 7658 | NS | 1 | 0.0 | 49.413 | 4.049 | 0.0 | 58.436 | 3.99 | 0.0 | 41.549 | 3.437 | 0.0 | 46.65 | 3.814 | 0.0 | 50.928 | 3.617 | 0.0 | 57.174 | 3.579 | 0.0 | 41.964 | 3.116 | 0.0 | 45.72 | 3.38 |
| 45 | 7658 | 7659 | SN | 1 | 0.0 | 47.855 | 2.068 | 0.0 | 46.832 | 1.804 | 0.0 | 45.949 | 1.389 | 0.0 | 49.588 | 1.46 | 0.0 | 48.734 | 1.724 | 0.0 | 47.076 | 1.488 | 0.0 | 42.893 | 1.149 | 0.0 | 49.514 | 1.219 |
| 46 | 7658 | 7659 | SN | 1 | 0.0 | 49.827 | 6.048 | 0.0 | 52.137 | 5.173 | 0.0 | 47.812 | 4.279 | 0.0 | 46.964 | 4.213 | 0.0 | 50.111 | 5.015 | 0.0 | 53.86 | 4.398 | 0.0 | 48.237 | 3.77 | 0.0 | 44.608 | 3.709 |
| 47 | 7658 | 7659 | NS | 1 | 0.0 | 47.759 | 2.445 | 0.0 | 46.005 | 1.845 | 0.0 | 41.412 | 1.776 | 0.0 | 42.097 | 1.655 | 0.0 | 48.936 | 2.002 | 0.0 | 45.102 | 1.562 | 0.0 | 39.966 | 1.444 | 0.0 | 41.639 | 1.337 |
| 48 | 7658 | 7659 | SN | 1 | 0.0 | 44.19 | 2.09 | 0.0 | 46.484 | 1.831 | 0.0 | 44.452 | 1.407 | 0.0 | 42.849 | 1.455 | 0.0 | 45.535 | 1.737 | 0.0 | 46.729 | 1.51 | 0.0 | 41.395 | 1.167 | 0.0 | 39.599 | 1.217 |
| 49 | 7658 | 7659 | SN | 1 | 0.0 | 49.827 | 6.404 | 0.0 | 52.137 | 5.488 | 0.0 | 47.812 | 4.529 | 0.0 | 46.964 | 4.455 | 0.0 | 50.111 | 5.335 | 0.0 | 53.86 | 4.672 | 0.0 | 48.237 | 4.001 | 0.0 | 44.608 | 3.947 |
| 50 | 7658 | 7659 | NS | 1 | 0.0 | 54.936 | 6.391 | 0.0 | 49.889 | 5.383 | 0.0 | 45.415 | 5.441 | 0.0 | 43.019 | 5.508 | 0.0 | 56.077 | 5.285 | 0.0 | 52.347 | 4.652 | 0.0 | 45.587 | 4.87 | 0.0 | 44.908 | 4.647 |
| 51 | 7658 | 7659 | SN | 1 | 0.0 | 49.931 | 5.977 | 0.0 | 49.554 | 5.183 | 0.0 | 46.569 | 4.173 | 0.0 | 42.524 | 4.213 | 0.0 | 50.292 | 5.005 | 0.0 | 51.276 | 4.428 | 0.0 | 46.993 | 3.699 | 0.0 | 43.469 | 3.709 |
| 52 | 7658 | 7659 | NS | 1 | 0.0 | 51.579 | 5.998 | 0.0 | 53.752 | 5.255 | 0.0 | 47.6 | 5.497 | 0.0 | 43.266 | 5.311 | 0.0 | 52.435 | 5.083 | 0.0 | 53.433 | 4.393 | 0.0 | 45.76 | 4.898 | 0.0 | 42.141 | 4.499 |
| 53 | 7658 | 7659 | SN | 1 | 0.0 | 44.19 | 2.227 | 0.0 | 46.484 | 1.942 | 0.0 | 44.452 | 1.491 | 0.0 | 42.849 | 1.54 | 0.0 | 45.535 | 1.85 | 0.0 | 46.729 | 1.61 | 0.0 | 41.395 | 1.237 | 0.0 | 39.599 | 1.293 |
| 54 | 7658 | 7659 | NS | 1 | 0.0 | 48.703 | 2.224 | 0.0 | 42.993 | 1.848 | 0.0 | 41.729 | 1.858 | 0.0 | 46.619 | 1.62 | 0.0 | 47.424 | 1.803 | 0.0 | 42.328 | 1.55 | 0.0 | 42.806 | 1.606 | 0.0 | 48.029 | 1.374 |
| 55 | 7659 | 7660 | SN | 1 | 0.0 | 41.036 | 1.83 | 0.0 | 48.627 | 1.474 | 0.0 | 49.133 | 1.116 | 0.0 | 43.12 | 1.112 | 0.0 | 41.634 | 1.522 | 0.0 | 45.752 | 1.158 | 0.0 | 47.487 | 0.937 | 0.0 | 40.541 | 0.882 |
| 56 | 7659 | 7660 | SN | 1 | 0.0 | 41.036 | 1.962 | 0.0 | 48.627 | 1.579 | 0.0 | 49.133 | 1.182 | 0.0 | 43.12 | 1.182 | 0.0 | 41.634 | 1.635 | 0.0 | 45.752 | 1.245 | 0.0 | 47.487 | 0.997 | 0.0 | 40.541 | 0.943 |
| 57 | 7659 | 7660 | NS | 1 | 0.0 | 51.501 | 8.4 | 0.0 | 49.12 | 7.609 | 0.0 | 46.972 | 6.482 | 0.0 | 39.591 | 6.099 | 0.0 | 49.165 | 7.627 | 0.0 | 50.219 | 6.596 | 0.0 | 46.471 | 5.997 | 0.0 | 38.376 | 5.465 |
| 58 | 7659 | 7660 | SN | 1 | 0.0 | 42.44 | 5.777 | 0.0 | 48.908 | 4.18 | 0.0 | 46.658 | 3.933 | 0.0 | 46.914 | 3.755 | 0.0 | 42.146 | 5.15 | 0.0 | 51.372 | 3.582 | 0.0 | 44.772 | 3.299 | 0.0 | 45.079 | 3.109 |
| 59 | 7659 | 7660 | SN | 1 | 0.0 | 42.44 | 5.417 | 0.0 | 48.908 | 3.925 | 0.0 | 46.658 | 3.714 | 0.0 | 46.914 | 3.569 | 0.0 | 42.146 | 4.825 | 0.0 | 51.372 | 3.35 | 0.0 | 44.772 | 3.106 | 0.0 | 45.079 | 2.935 |
| 60 | 7659 | 7660 | NS | 1 | 0.0 | 49.342 | 2.794 | 0.0 | 45.701 | 2.343 | 0.0 | 38.96 | 2.022 | 0.0 | 40.117 | 2.087 | 0.0 | 51.451 | 2.367 | 0.0 | 41.83 | 1.916 | 0.0 | 36.293 | 1.725 | 0.0 | 37.588 | 1.75 |
| 61 | 7660 | 7661 | NS | 1 | 0.0 | 48.251 | 4.581 | 0.0 | 44.495 | 4.583 | 0.0 | 46.641 | 3.942 | 0.0 | 46.563 | 3.745 | 0.0 | 51.092 | 3.958 | 0.0 | 45.592 | 3.901 | 0.0 | 45.285 | 3.707 | 0.0 | 45.508 | 3.374 |
| 62 | 7660 | 7661 | SN | 1 | 0.0 | 54.745 | 7.082 | 0.0 | 54.529 | 6.456 | 0.0 | 41.89 | 5.138 | 0.0 | 48.028 | 5.131 | 0.0 | 52.388 | 6.381 | 0.0 | 56.305 | 6.255 | 0.0 | 44.479 | 4.611 | 0.0 | 46.772 | 4.679 |
| 63 | 7660 | 7661 | SN | 1 | 0.0 | 54.745 | 7.082 | 0.0 | 54.529 | 6.456 | 0.0 | 41.89 | 5.138 | 0.0 | 48.028 | 5.131 | 0.0 | 52.388 | 6.381 | 0.0 | 56.305 | 6.255 | 0.0 | 44.479 | 4.611 | 0.0 | 46.772 | 4.679 |
| 64 | 7660 | 7661 | NS | 1 | 0.0 | 48.299 | 4.641 | 0.0 | 44.588 | 4.523 | 0.0 | 46.418 | 3.971 | 0.0 | 46.517 | 3.723 | 0.0 | 51.142 | 3.958 | 0.0 | 45.568 | 3.911 | 0.0 | 43.87 | 3.736 | 0.0 | 45.463 | 3.403 |
| 65 | 7660 | 7661 | SN | 1 | 0.0 | 46.215 | 2.355 | 0.0 | 44.563 | 2.039 | 0.0 | 42.781 | 1.496 | 0.0 | 41.2 | 1.448 | 0.0 | 43.082 | 2.028 | 0.0 | 44.032 | 1.728 | 0.0 | 42.77 | 1.315 | 0.0 | 41.795 | 1.342 |
| 66 | 7660 | 7661 | SN | 1 | 0.0 | 46.215 | 2.355 | 0.0 | 44.563 | 2.039 | 0.0 | 42.781 | 1.496 | 0.0 | 41.2 | 1.448 | 0.0 | 43.082 | 2.028 | 0.0 | 44.032 | 1.728 | 0.0 | 42.77 | 1.315 | 0.0 | 41.795 | 1.342 |
| 67 | 7660 | 7661 | NS | 1 | 0.0 | 48.034 | 1.438 | 0.0 | 42.539 | 1.239 | 0.0 | 41.409 | 1.289 | 0.0 | 45.824 | 1.2 | 0.0 | 45.634 | 1.208 | 0.0 | 42.663 | 1.044 | 0.0 | 41.769 | 1.173 | 0.0 | 46.553 | 1.076 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 7660 | 7661 | NS | 1 | 0.0 | 48.384 | 1.468 | 0.0 | 42.3 | 1.239 | 0.0 | 39.195 | 1.264 | 0.0 | 45.867 | 1.2 | 0.0 | 46.21 | 1.224 | 0.0 | 42.56 | 1.065 | 0.0 | 41.385 | 1.166 | 0.0 | 46.597 | 1.083 |
| 69 | 7660 | 7661 | SN | 1 | 0.0 | 46.215 | 2.155 | 0.0 | 44.563 | 1.887 | 0.0 | 42.781 | 1.375 | 0.0 | 41.2 | 1.331 | 0.0 | 43.082 | 1.847 | 0.0 | 44.032 | 1.587 | 0.0 | 42.77 | 1.202 | 0.0 | 41.795 | 1.229 |
| 70 | 7660 | 7661 | SN | 1 | 0.0 | 54.745 | 6.539 | 0.0 | 54.529 | 5.983 | 0.0 | 41.89 | 4.711 | 0.0 | 48.028 | 4.724 | 0.0 | 52.388 | 5.837 | 0.0 | 56.305 | 5.73 | 0.0 | 44.479 | 4.201 | 0.0 | 46.772 | 4.304 |
| 71 | 7661 | 7662 | SN | 1 | 0.0 | 50.519 | 5.736 | 0.0 | 49.807 | 4.86 | 0.0 | 44.923 | 4.535 | 0.0 | 50.746 | 4.267 | 0.0 | 48.988 | 5.437 | 0.0 | 47.032 | 4.514 | 0.0 | 45.946 | 4.007 | 0.0 | 50.854 | 3.825 |
| 72 | 7661 | 7662 | SN | 1 | 0.0 | 50.519 | 5.736 | 0.0 | 49.807 | 4.86 | 0.0 | 44.923 | 4.535 | 0.0 | 50.746 | 4.267 | 0.0 | 48.988 | 5.437 | 0.0 | 47.032 | 4.514 | 0.0 | 45.946 | 4.007 | 0.0 | 50.854 | 3.825 |
| 73 | 7661 | 7662 | SN | 1 | 0.0 | 50.519 | 5.348 | 0.0 | 49.807 | 4.762 | 0.0 | 44.923 | 4.212 | 0.0 | 50.746 | 4.133 | 0.0 | 48.988 | 5.037 | 0.0 | 47.032 | 4.399 | 0.0 | 45.946 | 3.695 | 0.0 | 50.854 | 3.606 |
| 74 | 7661 | 7662 | NS | 1 | 0.0 | 43.092 | 2.28 | 0.0 | 48.317 | 1.91 | 0.0 | 45.969 | 1.753 | 0.0 | 41.925 | 1.598 | 0.0 | 44.33 | 2.119 | 0.0 | 47.098 | 1.718 | 0.0 | 45.603 | 1.634 | 0.0 | 41.702 | 1.399 |
| 75 | 7661 | 7662 | NS | 1 | 0.0 | 52.725 | 7.182 | 0.0 | 49.934 | 6.127 | 0.0 | 45.361 | 5.425 | 0.0 | 47.6 | 5.382 | 0.0 | 54.502 | 6.59 | 0.0 | 50.621 | 5.425 | 0.0 | 45.272 | 5.297 | 0.0 | 49.271 | 4.805 |
| 76 | 7661 | 7662 | SN | 1 | 0.0 | 39.151 | 1.777 | 0.0 | 41.466 | 1.738 | 0.0 | 41.644 | 1.376 | 0.0 | 38.113 | 1.254 | 0.0 | 39.159 | 1.59 | 0.0 | 39.712 | 1.485 | 0.0 | 41.473 | 1.222 | 0.0 | 37.58 | 1.075 |
| 77 | 7661 | 7662 | SN | 1 | 0.0 | 39.151 | 1.942 | 0.0 | 41.466 | 1.829 | 0.0 | 41.644 | 1.502 | 0.0 | 38.113 | 1.358 | 0.0 | 39.159 | 1.754 | 0.0 | 39.712 | 1.599 | 0.0 | 41.473 | 1.352 | 0.0 | 37.58 | 1.179 |
| 78 | 7661 | 7662 | NS | 1 | 0.0 | 43.092 | 2.28 | 0.0 | 48.317 | 1.91 | 0.0 | 45.969 | 1.753 | 0.0 | 41.925 | 1.598 | 0.0 | 44.33 | 2.119 | 0.0 | 47.098 | 1.718 | 0.0 | 45.603 | 1.634 | 0.0 | 41.702 | 1.399 |
| 79 | 7661 | 7662 | NS | 1 | 0.0 | 52.725 | 7.182 | 0.0 | 49.934 | 6.127 | 0.0 | 45.361 | 5.425 | 0.0 | 47.6 | 5.382 | 0.0 | 54.502 | 6.59 | 0.0 | 50.621 | 5.425 | 0.0 | 45.272 | 5.297 | 0.0 | 49.271 | 4.805 |
| 80 | 7661 | 7662 | SN | 1 | 0.0 | 39.151 | 1.942 | 0.0 | 41.466 | 1.829 | 0.0 | 41.644 | 1.502 | 0.0 | 38.113 | 1.358 | 0.0 | 39.159 | 1.754 | 0.0 | 39.712 | 1.599 | 0.0 | 41.473 | 1.352 | 0.0 | 37.58 | 1.179 |
| 81 | 7662 | 7663 | NS | 1 | 0.0 | 48.351 | 1.484 | 0.0 | 43.635 | 1.32 | 0.0 | 40.307 | 1.081 | 0.0 | 40.869 | 1.1 | 0.0 | 48.76 | 1.305 | 0.0 | 45.859 | 1.232 | 0.0 | 38.483 | 0.967 | 0.0 | 39.728 | 0.953 |
| 82 | 7662 | 7663 | SN | 1 | 0.0 | 45.44 | 2.773 | 0.0 | 44.673 | 2.266 | 0.0 | 42.624 | 1.806 | 0.0 | 51.294 | 1.876 | 0.0 | 44.828 | 2.389 | 0.0 | 43.27 | 1.885 | 0.0 | 40.78 | 1.672 | 0.0 | 47.899 | 1.557 |
| 83 | 7662 | 7663 | NS | 1 | 0.0 | 44.043 | 3.818 | 0.0 | 45.374 | 3.499 | 0.0 | 38.906 | 3.136 | 0.0 | 42.53 | 2.854 | 0.0 | 44.126 | 3.406 | 0.0 | 47.365 | 3.178 | 0.0 | 40.432 | 2.979 | 0.0 | 43.715 | 2.733 |
| 84 | 7662 | 7663 | SN | 1 | 0.0 | 53.438 | 8.022 | 0.0 | 58.812 | 6.434 | 0.0 | 43.183 | 5.28 | 0.0 | 54.703 | 5.653 | 0.0 | 57.62 | 7.302 | 0.0 | 58.282 | 5.613 | 0.0 | 43.762 | 5.038 | 0.0 | 54.504 | 5.122 |
| 85 | 7667 | 7668 | SN | 1 | 0.0 | 48.019 | 4.785 | 0.0 | 44.086 | 4.782 | 0.0 | 42.53 | 3.82 | 0.0 | 42.224 | 3.905 | 0.0 | 48.417 | 4.554 | 0.0 | 44.718 | 4.399 | 0.0 | 44.124 | 3.622 | 0.0 | 42.139 | 3.62 |
| 86 | 7667 | 7668 | SN | 1 | 0.0 | 48.019 | 4.785 | 0.0 | 44.086 | 4.782 | 0.0 | 42.53 | 3.82 | 0.0 | 42.224 | 3.905 | 0.0 | 48.417 | 4.554 | 0.0 | 44.718 | 4.399 | 0.0 | 44.124 | 3.622 | 0.0 | 42.139 | 3.62 |
| 87 | 7667 | 7668 | SN | 1 | 0.0 | 41.914 | 1.692 | 0.0 | 48.744 | 1.571 | 0.0 | 40.569 | 1.207 | 0.0 | 44.021 | 1.26 | 0.0 | 41.293 | 1.467 | 0.0 | 46.365 | 1.413 | 0.0 | 40.62 | 1.094 | 0.0 | 41.854 | 1.148 |
| 88 | 7667 | 7668 | SN | 1 | 0.0 | 41.914 | 1.692 | 0.0 | 48.744 | 1.571 | 0.0 | 40.569 | 1.207 | 0.0 | 44.021 | 1.26 | 0.0 | 41.293 | 1.467 | 0.0 | 46.365 | 1.413 | 0.0 | 40.62 | 1.094 | 0.0 | 41.854 | 1.148 |
| 89 | 7667 | 7668 | SN | 1 | 0.0 | 41.914 | 1.767 | 0.0 | 48.744 | 1.646 | 0.0 | 40.569 | 1.255 | 0.0 | 44.021 | 1.318 | 0.0 | 41.293 | 1.534 | 0.0 | 46.365 | 1.48 | 0.0 | 40.62 | 1.144 | 0.0 | 41.854 | 1.201 |
| 90 | 7667 | 7668 | SN | 1 | 0.0 | 48.019 | 5.003 | 0.0 | 44.086 | 4.978 | 0.0 | 42.53 | 3.953 | 0.0 | 42.224 | 4.094 | 0.0 | 48.417 | 4.761 | 0.0 | 44.718 | 4.576 | 0.0 | 44.124 | 3.76 | 0.0 | 42.139 | 3.795 |
| 91 | 7668 | 7669 | SN | 1 | 0.0 | 41.025 | 2.761 | 0.0 | 45.861 | 2.539 | 0.0 | 39.914 | 1.945 | 0.0 | 49.507 | 2.049 | 0.0 | 42.977 | 2.688 | 0.0 | 41.152 | 2.418 | 0.0 | 37.997 | 1.932 | 0.0 | 49.053 | 1.972 |
| 92 | 7668 | 7669 | NS | 1 | 0.0 | 49.759 | 2.054 | 0.0 | 54.764 | 1.856 | 0.0 | 43.35 | 1.365 | 0.0 | 40.965 | 1.347 | 0.0 | 49.917 | 1.952 | 0.0 | 55.664 | 1.768 | 0.0 | 43.752 | 1.376 | 0.0 | 40.259 | 1.259 |
| 93 | 7668 | 7669 | SN | 1 | 0.0 | 41.025 | 2.728 | 0.0 | 45.861 | 2.508 | 0.0 | 39.914 | 1.921 | 0.0 | 49.507 | 2.026 | 0.0 | 42.977 | 2.656 | 0.0 | 41.152 | 2.39 | 0.0 | 37.997 | 1.909 | 0.0 | 49.053 | 1.95 |
| 94 | 7668 | 7669 | SN | 1 | 0.0 | 41.025 | 2.728 | 0.0 | 45.861 | 2.508 | 0.0 | 39.914 | 1.921 | 0.0 | 49.507 | 2.026 | 0.0 | 42.977 | 2.656 | 0.0 | 41.152 | 2.39 | 0.0 | 37.997 | 1.909 | 0.0 | 49.053 | 1.95 |
| 95 | 7668 | 7669 | NS | 1 | 0.0 | 54.08 | 5.947 | 0.0 | 47.397 | 5.667 | 0.0 | 43.506 | 4.477 | 0.0 | 46.343 | 4.436 | 0.0 | 49.168 | 5.655 | 0.0 | 47.433 | 5.396 | 0.0 | 45.878 | 4.562 | 0.0 | 47.689 | 4.457 |
| 96 | 7668 | 7669 | NS | 1 | 0.0 | 54.08 | 5.947 | 0.0 | 47.397 | 5.667 | 0.0 | 43.506 | 4.477 | 0.0 | 46.343 | 4.436 | 0.0 | 49.168 | 5.655 | 0.0 | 47.433 | 5.396 | 0.0 | 45.878 | 4.562 | 0.0 | 47.689 | 4.457 |
| 97 | 7668 | 7669 | SN | 1 | 0.0 | 48.608 | 7.344 | 0.0 | 47.064 | 6.381 | 0.0 | 47.131 | 6.406 | 0.0 | 47.351 | 6.271 | 0.0 | 49.847 | 7.039 | 0.0 | 45.063 | 6.33 | 0.0 | 46.113 | 6.327 | 0.0 | 46.789 | 5.968 |
| 98 | 7668 | 7669 | SN | 1 | 0.0 | 48.608 | 7.255 | 0.0 | 47.064 | 6.316 | 0.0 | 47.131 | 6.328 | 0.0 | 47.351 | 6.206 | 0.0 | 49.847 | 6.954 | 0.0 | 45.063 | 6.266 | 0.0 | 46.113 | 6.25 | 0.0 | 46.789 | 5.907 |
| 99 | 7668 | 7669 | SN | 1 | 0.0 | 48.608 | 7.255 | 0.0 | 47.064 | 6.316 | 0.0 | 47.131 | 6.328 | 0.0 | 47.351 | 6.206 | 0.0 | 49.847 | 6.954 | 0.0 | 45.063 | 6.266 | 0.0 | 46.113 | 6.25 | 0.0 | 46.789 | 5.907 |
| 100 | 7668 | 7669 | NS | 1 | 0.0 | 49.759 | 2.054 | 0.0 | 54.764 | 1.856 | 0.0 | 43.35 | 1.365 | 0.0 | 40.965 | 1.347 | 0.0 | 49.917 | 1.952 | 0.0 | 55.664 | 1.768 | 0.0 | 43.752 | 1.376 | 0.0 | 40.259 | 1.259 |
| 101 | 7669 | 7670 | SN | 1 | 0.0 | 47.883 | 5.294 | 0.0 | 49.133 | 4.272 | 0.0 | 47.131 | 4.365 | 0.0 | 41.887 | 4.126 | 0.0 | 47.195 | 5.091 | 0.0 | 48.446 | 4.119 | 0.0 | 45.521 | 4.107 | 0.0 | 40.442 | 3.831 |
| 102 | 7669 | 7670 | NS | 1 | 0.0 | 46.35 | 1.058 | 0.0 | 47.696 | 1.11 | 0.0 | 39.781 | 0.805 | 0.0 | 45.944 | 1.027 | 0.0 | 44.883 | 0.825 | 0.0 | 48.364 | 0.913 | 0.0 | 39.387 | 0.638 | 0.0 | 43.215 | 0.839 |
| 103 | 7669 | 7670 | SN | 1 | 0.0 | 45.004 | 1.796 | 0.0 | 49.218 | 1.502 | 0.0 | 39.838 | 1.396 | 0.0 | 39.767 | 1.455 | 0.0 | 42.426 | 1.67 | 0.0 | 46.22 | 1.405 | 0.0 | 36.371 | 1.289 | 0.0 | 38.518 | 1.345 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 7669 | 7670 | SN | 1 | 0.0 | 47.883 | 5.237 | 0.0 | 49.133 | 4.218 | 0.0 | 47.131 | 4.315 | 0.0 | 41.887 | 4.074 | 0.0 | 47.195 | 5.036 | 0.0 | 48.446 | 4.067 | 0.0 | 45.521 | 4.061 | 0.0 | 40.442 | 3.782 |
| 105 | 7669 | 7670 | NS | 1 | 0.0 | 46.374 | 1.065 | 0.0 | 48.946 | 1.1 | 0.0 | 39.753 | 0.816 | 0.0 | 44.713 | 1.013 | 0.0 | 44.73 | 0.828 | 0.0 | 48.632 | 0.913 | 0.0 | 39.359 | 0.654 | 0.0 | 44.814 | 0.825 |
| 106 | 7669 | 7670 | NS | 1 | 0.0 | 48.622 | 3.396 | 0.0 | 48.483 | 3.739 | 0.0 | 37.492 | 2.702 | 0.0 | 39.725 | 3.096 | 0.0 | 51.38 | 2.753 | 0.0 | 50.116 | 3.107 | 0.0 | 37.648 | 2.31 | 0.0 | 43.095 | 2.591 |
| 107 | 7669 | 7670 | SN | 1 | 0.0 | 45.004 | 1.816 | 0.0 | 49.218 | 1.517 | 0.0 | 39.838 | 1.41 | 0.0 | 39.767 | 1.47 | 0.0 | 42.426 | 1.689 | 0.0 | 46.22 | 1.419 | 0.0 | 36.371 | 1.301 | 0.0 | 38.518 | 1.359 |
| 108 | 7669 | 7670 | NS | 1 | 0.0 | 48.706 | 3.446 | 0.0 | 49.174 | 3.769 | 0.0 | 37.458 | 2.673 | 0.0 | 40.674 | 3.096 | 0.0 | 51.464 | 2.783 | 0.0 | 49.821 | 3.158 | 0.0 | 37.661 | 2.303 | 0.0 | 42.587 | 2.569 |
| 109 | 7669 | 7670 | SN | 1 | 0.0 | 45.004 | 1.816 | 0.0 | 49.218 | 1.517 | 0.0 | 39.838 | 1.41 | 0.0 | 39.767 | 1.47 | 0.0 | 42.426 | 1.689 | 0.0 | 46.22 | 1.419 | 0.0 | 36.371 | 1.301 | 0.0 | 38.518 | 1.359 |
| 110 | 7669 | 7670 | SN | 1 | 0.0 | 47.883 | 5.294 | 0.0 | 49.133 | 4.272 | 0.0 | 47.131 | 4.365 | 0.0 | 41.887 | 4.126 | 0.0 | 47.195 | 5.091 | 0.0 | 48.446 | 4.119 | 0.0 | 45.521 | 4.107 | 0.0 | 40.442 | 3.831 |
| 111 | 7670 | 7671 | NS | 1 | 0.0 | 47.216 | 8.288 | 0.0 | 47.614 | 7.919 | 0.0 | 44.162 | 5.859 | 0.0 | 46.65 | 6.128 | 0.0 | 46.775 | 7.776 | 0.0 | 50.198 | 7.628 | 0.0 | 42.487 | 5.674 | 0.0 | 48.668 | 5.871 |
| 112 | 7670 | 7671 | SN | 1 | 0.0 | 46.017 | 5.747 | 0.0 | 42.912 | 4.202 | 0.0 | 44.142 | 3.744 | 0.0 | 42.628 | 3.793 | 0.0 | 46.647 | 4.818 | 0.0 | 42.002 | 3.536 | 0.0 | 41.875 | 3.319 | 0.0 | 40.971 | 3.359 |
| 113 | 7670 | 7671 | SN | 1 | 0.0 | 40.456 | 1.864 | 0.0 | 44.122 | 1.533 | 0.0 | 37.703 | 1.28 | 0.0 | 39.368 | 1.311 | 0.0 | 39.667 | 1.497 | 0.0 | 44.82 | 1.237 | 0.0 | 38.039 | 1.047 | 0.0 | 36.876 | 1.105 |
| 114 | 7670 | 7671 | SN | 1 | 0.0 | 40.456 | 1.864 | 0.0 | 44.122 | 1.533 | 0.0 | 37.703 | 1.28 | 0.0 | 39.368 | 1.311 | 0.0 | 39.667 | 1.497 | 0.0 | 44.82 | 1.237 | 0.0 | 38.039 | 1.047 | 0.0 | 36.876 | 1.105 |
| 115 | 7670 | 7671 | SN | 1 | 0.0 | 46.017 | 5.649 | 0.0 | 42.912 | 4.138 | 0.0 | 44.142 | 3.679 | 0.0 | 42.628 | 3.735 | 0.0 | 46.647 | 4.736 | 0.0 | 42.002 | 3.482 | 0.0 | 41.875 | 3.261 | 0.0 | 40.971 | 3.307 |
| 116 | 7670 | 7671 | SN | 1 | 0.0 | 46.017 | 5.649 | 0.0 | 42.912 | 4.138 | 0.0 | 44.142 | 3.679 | 0.0 | 42.628 | 3.735 | 0.0 | 46.647 | 4.736 | 0.0 | 42.002 | 3.482 | 0.0 | 41.875 | 3.261 | 0.0 | 40.971 | 3.307 |
| 117 | 7670 | 7671 | NS | 1 | 0.0 | 49.979 | 2.66 | 0.0 | 52.59 | 2.452 | 0.0 | 41.857 | 1.925 | 0.0 | 37.898 | 1.968 | 0.0 | 46.539 | 2.467 | 0.0 | 48.88 | 2.334 | 0.0 | 40.689 | 1.792 | 0.0 | 39.479 | 1.833 |
| 118 | 7670 | 7671 | SN | 1 | 0.0 | 40.456 | 1.896 | 0.0 | 44.122 | 1.559 | 0.0 | 37.703 | 1.3 | 0.0 | 39.368 | 1.33 | 0.0 | 39.667 | 1.523 | 0.0 | 44.82 | 1.258 | 0.0 | 38.039 | 1.065 | 0.0 | 36.876 | 1.122 |
| 119 | 7671 | 7672 | SN | 1 | 0.0 | 40.009 | 2.425 | 0.0 | 43.85 | 1.491 | 0.0 | 39.456 | 1.951 | 0.0 | 41.573 | 1.996 | 0.0 | 37.725 | 1.671 | 0.0 | 43.332 | 1.045 | 0.0 | 38.557 | 1.521 | 0.0 | 45.568 | 1.506 |
| 120 | 7671 | 7672 | SN | 1 | 0.0 | 36.842 | 0.881 | 0.0 | 39.487 | 0.634 | 0.0 | 37.222 | 0.713 | 0.0 | 40.108 | 0.788 | 0.0 | 33.926 | 0.555 | 0.0 | 36.758 | 0.436 | 0.0 | 35.355 | 0.538 | 0.0 | 37.551 | 0.55 |
| 121 | 7671 | 7672 | SN | 1 | 0.0 | 36.842 | 0.906 | 0.0 | 39.487 | 0.652 | 0.0 | 37.222 | 0.73 | 0.0 | 40.108 | 0.807 | 0.0 | 33.926 | 0.571 | 0.0 | 36.758 | 0.448 | 0.0 | 35.355 | 0.554 | 0.0 | 37.551 | 0.564 |
| 122 | 7671 | 7672 | NS | 1 | 0.0 | 47.021 | 1.167 | 0.0 | 51.541 | 1.071 | 0.0 | 37.139 | 0.875 | 0.0 | 38.672 | 0.859 | 0.0 | 45.286 | 0.986 | 0.0 | 50.255 | 0.967 | 0.0 | 36.327 | 0.79 | 0.0 | 38.549 | 0.786 |
| 123 | 7671 | 7672 | SN | 1 | 0.0 | 36.842 | 0.881 | 0.0 | 39.487 | 0.634 | 0.0 | 37.222 | 0.713 | 0.0 | 40.108 | 0.788 | 0.0 | 33.926 | 0.555 | 0.0 | 36.758 | 0.436 | 0.0 | 35.355 | 0.538 | 0.0 | 37.551 | 0.55 |
| 124 | 7671 | 7672 | NS | 1 | 0.0 | 47.388 | 1.168 | 0.0 | 51.34 | 1.071 | 0.0 | 42.211 | 0.884 | 0.0 | 37.341 | 0.855 | 0.0 | 45.179 | 0.984 | 0.0 | 50.051 | 0.981 | 0.0 | 37.542 | 0.781 | 0.0 | 38.479 | 0.783 |
| 125 | 7671 | 7672 | NS | 1 | 0.0 | 51.371 | 3.989 | 0.0 | 48.607 | 3.398 | 0.0 | 47.909 | 3.13 | 0.0 | 44.598 | 2.982 | 0.0 | 50.805 | 3.667 | 0.0 | 45.154 | 3.278 | 0.0 | 44.262 | 2.738 | 0.0 | 46.388 | 2.704 |
| 126 | 7671 | 7672 | NS | 1 | 0.0 | 51.988 | 3.928 | 0.0 | 48.726 | 3.348 | 0.0 | 49.096 | 3.13 | 0.0 | 44.711 | 2.989 | 0.0 | 50.807 | 3.647 | 0.0 | 45.157 | 3.278 | 0.0 | 45.448 | 2.731 | 0.0 | 46.194 | 2.726 |
| 127 | 7671 | 7672 | SN | 1 | 0.0 | 40.009 | 2.357 | 0.0 | 43.85 | 1.449 | 0.0 | 39.456 | 1.938 | 0.0 | 41.573 | 1.947 | 0.0 | 37.725 | 1.625 | 0.0 | 43.332 | 1.017 | 0.0 | 38.557 | 1.5 | 0.0 | 45.568 | 1.471 |
| 128 | 7671 | 7672 | SN | 1 | 0.0 | 40.009 | 2.357 | 0.0 | 43.85 | 1.449 | 0.0 | 39.456 | 1.938 | 0.0 | 41.573 | 1.947 | 0.0 | 37.725 | 1.625 | 0.0 | 43.332 | 1.017 | 0.0 | 38.557 | 1.5 | 0.0 | 45.568 | 1.471 |
| 129 | 7672 | 7673 | SN | 1 | 0.0 | 48.825 | 2.225 | 0.0 | 42.779 | 1.781 | 0.0 | 43.106 | 1.48 | 0.0 | 43.574 | 1.504 | 0.0 | 47.692 | 1.739 | 0.0 | 44.058 | 1.465 | 0.0 | 42.207 | 1.225 | 0.0 | 42.125 | 1.165 |
| 130 | 7672 | 7673 | SN | 1 | 0.0 | 55.053 | 7.076 | 0.0 | 46.777 | 5.803 | 0.0 | 41.733 | 4.676 | 0.0 | 40.715 | 4.323 | 0.0 | 54.574 | 5.987 | 0.0 | 44.076 | 5.162 | 0.0 | 41.144 | 4.21 | 0.0 | 37.813 | 3.988 |
| 131 | 7672 | 7673 | SN | 1 | 0.0 | 55.053 | 6.78 | 0.0 | 46.777 | 5.585 | 0.0 | 41.733 | 4.491 | 0.0 | 40.715 | 4.156 | 0.0 | 54.574 | 5.737 | 0.0 | 44.076 | 4.951 | 0.0 | 41.144 | 4.039 | 0.0 | 37.813 | 3.822 |
| 132 | 7672 | 7673 | SN | 1 | 0.0 | 55.053 | 6.78 | 0.0 | 46.777 | 5.585 | 0.0 | 41.733 | 4.491 | 0.0 | 40.715 | 4.156 | 0.0 | 54.574 | 5.737 | 0.0 | 44.076 | 4.951 | 0.0 | 41.144 | 4.039 | 0.0 | 37.813 | 3.822 |
| 133 | 7672 | 7673 | NS | 1 | 0.0 | 53.628 | 7.264 | 0.0 | 50.469 | 5.614 | 0.0 | 43.282 | 5.619 | 0.0 | 46.591 | 5.317 | 0.0 | 53.645 | 6.742 | 0.0 | 50.668 | 5.263 | 0.0 | 42.112 | 5.177 | 0.0 | 45.997 | 4.833 |
| 134 | 7672 | 7673 | NS | 1 | 0.0 | 52.742 | 7.245 | 0.0 | 50.472 | 5.654 | 0.0 | 43.205 | 5.612 | 0.0 | 49.547 | 5.253 | 0.0 | 53.638 | 6.732 | 0.0 | 50.669 | 5.223 | 0.0 | 42.034 | 5.184 | 0.0 | 47.257 | 4.776 |
| 135 | 7672 | 7673 | NS | 1 | 0.0 | 46.119 | 2.5 | 0.0 | 51.857 | 1.919 | 0.0 | 42.505 | 1.805 | 0.0 | 49.946 | 1.706 | 0.0 | 44.578 | 2.254 | 0.0 | 50.961 | 1.699 | 0.0 | 39.29 | 1.671 | 0.0 | 47.443 | 1.5 |
| 136 | 7672 | 7673 | SN | 1 | 0.0 | 48.825 | 2.318 | 0.0 | 42.779 | 1.854 | 0.0 | 43.106 | 1.542 | 0.0 | 43.574 | 1.565 | 0.0 | 47.692 | 1.816 | 0.0 | 44.058 | 1.526 | 0.0 | 42.207 | 1.279 | 0.0 | 42.125 | 1.213 |
| 137 | 7672 | 7673 | SN | 1 | 0.0 | 48.825 | 2.225 | 0.0 | 42.779 | 1.781 | 0.0 | 43.106 | 1.48 | 0.0 | 43.574 | 1.504 | 0.0 | 47.692 | 1.739 | 0.0 | 44.058 | 1.465 | 0.0 | 42.207 | 1.225 | 0.0 | 42.125 | 1.165 |
| 138 | 7672 | 7673 | NS | 1 | 0.0 | 48.124 | 2.53 | 0.0 | 52.013 | 1.896 | 0.0 | 41.565 | 1.81 | 0.0 | 45.36 | 1.682 | 0.0 | 46.581 | 2.317 | 0.0 | 51.114 | 1.69 | 0.0 | 43.537 | 1.687 | 0.0 | 42.356 | 1.503 |
| 139 | 7673 | 7674 | NS | 1 | 0.0 | 54.662 | 8.838 | 0.0 | 50.236 | 8.113 | 0.0 | 45.912 | 7.05 | 0.0 | 46.961 | 6.737 | 0.0 | 55.53 | 7.974 | 0.0 | 48.843 | 7.3 | 0.0 | 45.542 | 6.415 | 0.0 | 45.886 | 5.954 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 140 | 7673 | 7674 | SN | 1 | 0.0 | 48.614 | 8.851 | 0.0 | 43.379 | 7.207 | 0.0 | 43.848 | 5.245 | 0.0 | 47.583 | 5.442 | 0.0 | 49.833 | 8.498 | 0.0 | 43.485 | 6.927 | 0.0 | 42.816 | 5.003 | 0.0 | 46.941 | 5.192 |
| 141 | 7673 | 7674 | NS | 1 | 0.0 | 53.814 | 8.913 | 0.0 | 47.488 | 7.98 | 0.0 | 45.865 | 6.746 | 0.0 | 44.984 | 6.798 | 0.0 | 50.77 | 8.189 | 0.0 | 47.713 | 7.248 | 0.0 | 47.288 | 6.353 | 0.0 | 45.757 | 6.178 |
| 142 | 7673 | 7674 | SN | 1 | 0.0 | 49.756 | 8.308 | 0.0 | 44.062 | 6.942 | 0.0 | 44.594 | 4.953 | 0.0 | 49.054 | 5.178 | 0.0 | 50.975 | 7.997 | 0.0 | 43.181 | 6.649 | 0.0 | 43.565 | 4.655 | 0.0 | 48.844 | 4.894 |
| 143 | 7673 | 7674 | SN | 1 | 0.0 | 48.614 | 8.348 | 0.0 | 43.379 | 6.851 | 0.0 | 43.848 | 5.009 | 0.0 | 47.583 | 5.178 | 0.0 | 49.833 | 7.997 | 0.0 | 43.485 | 6.548 | 0.0 | 42.816 | 4.733 | 0.0 | 46.941 | 4.922 |
| 144 | 7673 | 7674 | SN | 1 | 0.0 | 54.275 | 2.765 | 0.0 | 47.957 | 2.202 | 0.0 | 38.435 | 1.772 | 0.0 | 41.718 | 1.801 | 0.0 | 49.097 | 2.538 | 0.0 | 43.155 | 2.045 | 0.0 | 40.686 | 1.636 | 0.0 | 43.359 | 1.618 |
| 145 | 7673 | 7674 | NS | 1 | 0.0 | 47.406 | 2.989 | 0.0 | 42.628 | 2.545 | 0.0 | 40.157 | 2.253 | 0.0 | 43.301 | 2.124 | 0.0 | 44.938 | 2.677 | 0.0 | 41.693 | 2.219 | 0.0 | 39.034 | 1.967 | 0.0 | 41.694 | 1.871 |
| 146 | 7673 | 7674 | NS | 1 | 0.0 | 43.831 | 2.951 | 0.0 | 50.536 | 2.525 | 0.0 | 45.971 | 2.172 | 0.0 | 39.548 | 2.129 | 0.0 | 41.772 | 2.687 | 0.0 | 49.456 | 2.261 | 0.0 | 42.534 | 1.884 | 0.0 | 35.738 | 1.823 |
| 147 | 7673 | 7674 | SN | 1 | 0.0 | 54.275 | 2.623 | 0.0 | 47.781 | 2.079 | 0.0 | 38.039 | 1.682 | 0.0 | 39.698 | 1.694 | 0.0 | 49.095 | 2.324 | 0.0 | 44.569 | 1.919 | 0.0 | 39.012 | 1.53 | 0.0 | 36.971 | 1.495 |
| 148 | 7673 | 7674 | SN | 1 | 0.0 | 54.275 | 2.601 | 0.0 | 47.957 | 2.074 | 0.0 | 38.435 | 1.668 | 0.0 | 41.718 | 1.708 | 0.0 | 49.097 | 2.385 | 0.0 | 43.155 | 1.921 | 0.0 | 40.686 | 1.537 | 0.0 | 43.359 | 1.525 |
| 149 | 7674 | 7675 | SN | 1 | 0.0 | 54.504 | 2.917 | 0.0 | 52.004 | 2.476 | 0.0 | 42.112 | 1.701 | 0.0 | 39.397 | 1.655 | 0.0 | 52.273 | 2.467 | 0.0 | 48.631 | 2.181 | 0.0 | 43.299 | 1.468 | 0.0 | 38.908 | 1.416 |
| 150 | 7674 | 7675 | NS | 1 | 0.0 | 41.424 | 1.94 | 0.0 | 45.898 | 1.705 | 0.0 | 38.902 | 1.582 | 0.0 | 37.229 | 1.577 | 0.0 | 40.22 | 1.823 | 0.0 | 46.005 | 1.555 | 0.0 | 37.237 | 1.507 | 0.0 | 37.803 | 1.442 |
| 151 | 7674 | 7675 | SN | 1 | 0.0 | 53.701 | 8.686 | 0.0 | 51.984 | 7.781 | 0.0 | 50.703 | 5.56 | 0.0 | 48.395 | 5.835 | 0.0 | 55.02 | 7.974 | 0.0 | 53.006 | 7.087 | 0.0 | 50.829 | 4.895 | 0.0 | 48.157 | 5.075 |
| 152 | 7674 | 7675 | NS | 1 | 0.0 | 44.156 | 6.448 | 0.0 | 53.478 | 5.907 | 0.0 | 47.527 | 4.883 | 0.0 | 42.123 | 4.942 | 0.0 | 45.519 | 6.037 | 0.0 | 51.721 | 5.626 | 0.0 | 48.32 | 4.776 | 0.0 | 44.092 | 4.65 |
| 153 | 7674 | 7675 | NS | 1 | 0.0 | 44.156 | 6.448 | 0.0 | 53.478 | 5.907 | 0.0 | 47.527 | 4.883 | 0.0 | 42.123 | 4.942 | 0.0 | 45.519 | 6.037 | 0.0 | 51.721 | 5.626 | 0.0 | 48.32 | 4.776 | 0.0 | 44.092 | 4.65 |
| 154 | 7674 | 7675 | NS | 1 | 0.0 | 41.424 | 1.94 | 0.0 | 45.898 | 1.705 | 0.0 | 38.902 | 1.582 | 0.0 | 37.229 | 1.577 | 0.0 | 40.22 | 1.823 | 0.0 | 46.005 | 1.555 | 0.0 | 37.237 | 1.507 | 0.0 | 37.803 | 1.442 |
| 155 | 7674 | 7675 | SN | 1 | 0.0 | 53.701 | 9.387 | 0.0 | 51.984 | 8.311 | 0.0 | 50.703 | 5.978 | 0.0 | 48.395 | 6.298 | 0.0 | 55.02 | 8.63 | 0.0 | 53.006 | 7.607 | 0.0 | 50.829 | 5.312 | 0.0 | 48.157 | 5.473 |
| 156 | 7674 | 7675 | SN | 1 | 0.0 | 54.504 | 2.917 | 0.0 | 52.004 | 2.476 | 0.0 | 42.112 | 1.701 | 0.0 | 39.397 | 1.655 | 0.0 | 52.273 | 2.467 | 0.0 | 48.631 | 2.181 | 0.0 | 43.299 | 1.468 | 0.0 | 38.908 | 1.416 |
| 157 | 7674 | 7675 | SN | 1 | 0.0 | 53.701 | 8.686 | 0.0 | 51.984 | 7.781 | 0.0 | 50.703 | 5.56 | 0.0 | 48.395 | 5.835 | 0.0 | 55.02 | 7.974 | 0.0 | 53.006 | 7.087 | 0.0 | 50.829 | 4.895 | 0.0 | 48.157 | 5.075 |
| 158 | 7674 | 7675 | SN | 1 | 0.0 | 54.504 | 3.154 | 0.0 | 52.004 | 2.67 | 0.0 | 42.112 | 1.836 | 0.0 | 39.397 | 1.791 | 0.0 | 52.273 | 2.68 | 0.0 | 48.631 | 2.363 | 0.0 | 43.299 | 1.596 | 0.0 | 38.908 | 1.537 |
| 159 | 7675 | 7676 | NS | 1 | 0.0 | 51.198 | 6.298 | 0.0 | 50.649 | 4.864 | 0.0 | 43.434 | 4.22 | 0.0 | 46.985 | 4.195 | 0.0 | 50.365 | 5.906 | 0.0 | 50.611 | 4.362 | 0.0 | 44.026 | 4.12 | 0.0 | 44.961 | 3.874 |
| 160 | 7675 | 7676 | SN | 1 | 0.0 | 47.219 | 2.456 | 0.0 | 46.591 | 2.107 | 0.0 | 39.229 | 1.468 | 0.0 | 45.853 | 1.423 | 0.0 | 45.482 | 2.19 | 0.0 | 47.715 | 1.91 | 0.0 | 37.204 | 1.356 | 0.0 | 44.786 | 1.287 |
| 161 | 7675 | 7676 | NS | 1 | 0.0 | 50.53 | 2.035 | 0.0 | 50.411 | 1.583 | 0.0 | 43.025 | 1.277 | 0.0 | 43.29 | 1.243 | 0.0 | 52.113 | 1.938 | 0.0 | 48.446 | 1.484 | 0.0 | 41.202 | 1.174 | 0.0 | 40.397 | 1.142 |
| 162 | 7675 | 7676 | SN | 1 | 0.0 | 45.661 | 2.466 | 0.0 | 46.45 | 2.109 | 0.0 | 42.215 | 1.492 | 0.0 | 45.228 | 1.443 | 0.0 | 44.087 | 2.174 | 0.0 | 47.574 | 1.915 | 0.0 | 39.495 | 1.354 | 0.0 | 44.163 | 1.305 |
| 163 | 7675 | 7676 | SN | 1 | 0.0 | 45.661 | 2.235 | 0.0 | 46.45 | 1.953 | 0.0 | 42.215 | 1.365 | 0.0 | 45.228 | 1.354 | 0.0 | 44.087 | 1.97 | 0.0 | 47.574 | 1.79 | 0.0 | 39.495 | 1.222 | 0.0 | 44.163 | 1.213 |
| 164 | 7675 | 7676 | SN | 1 | 0.0 | 47.788 | 7.055 | 0.0 | 55.364 | 6.64 | 0.0 | 48.701 | 4.537 | 0.0 | 49.287 | 4.817 | 0.0 | 47.657 | 6.493 | 0.0 | 53.852 | 6.196 | 0.0 | 51.172 | 4.219 | 0.0 | 46.251 | 4.453 |
| 165 | 7675 | 7676 | NS | 1 | 0.0 | 56.032 | 6.075 | 0.0 | 49.787 | 4.896 | 0.0 | 46.817 | 4.168 | 0.0 | 45.479 | 4.316 | 0.0 | 56.884 | 5.673 | 0.0 | 50.805 | 4.625 | 0.0 | 47.974 | 3.883 | 0.0 | 43.691 | 3.96 |
| 166 | 7675 | 7676 | NS | 1 | 0.0 | 45.694 | 2.022 | 0.0 | 50.915 | 1.549 | 0.0 | 42.256 | 1.299 | 0.0 | 41.433 | 1.252 | 0.0 | 46.318 | 1.843 | 0.0 | 48.792 | 1.474 | 0.0 | 40.55 | 1.241 | 0.0 | 39.932 | 1.058 |
| 167 | 7675 | 7676 | SN | 1 | 0.0 | 48.56 | 7.648 | 0.0 | 55.364 | 6.887 | 0.0 | 50.158 | 4.949 | 0.0 | 44.422 | 5.067 | 0.0 | 48.988 | 7.161 | 0.0 | 53.852 | 6.5 | 0.0 | 45.474 | 4.589 | 0.0 | 41.261 | 4.737 |
| 168 | 7675 | 7676 | SN | 1 | 0.0 | 47.788 | 7.569 | 0.0 | 55.364 | 6.841 | 0.0 | 48.701 | 4.933 | 0.0 | 43.766 | 5.043 | 0.0 | 47.657 | 7.048 | 0.0 | 53.852 | 6.5 | 0.0 | 51.172 | 4.605 | 0.0 | 40.714 | 4.737 |
| 169 | 7676 | 7677 | NS | 1 | 0.0 | 44.892 | 1.694 | 0.0 | 48.11 | 1.397 | 0.0 | 39.645 | 1.182 | 0.0 | 41.831 | 1.084 | 0.0 | 44.186 | 1.411 | 0.0 | 47.051 | 1.184 | 0.0 | 37.452 | 1.027 | 0.0 | 37.526 | 0.87 |
| 170 | 7676 | 7677 | SN | 1 | 0.0 | 39.186 | 4.865 | 0.0 | 53.514 | 3.317 | 0.0 | 45.793 | 2.73 | 0.0 | 38.358 | 2.946 | 0.0 | 40.84 | 3.838 | 0.0 | 49.524 | 2.637 | 0.0 | 45.217 | 2.499 | 0.0 | 41.884 | 2.465 |
| 171 | 7676 | 7677 | NS | 1 | 0.0 | 46.891 | 5.255 | 0.0 | 51.619 | 4.632 | 0.0 | 44.062 | 3.628 | 0.0 | 46.692 | 3.822 | 0.0 | 46.257 | 4.482 | 0.0 | 51.847 | 3.93 | 0.0 | 42.919 | 3.265 | 0.0 | 45.519 | 3.26 |
| 172 | 7676 | 7677 | SN | 1 | 0.0 | 40.997 | 1.593 | 0.0 | 50.635 | 1.15 | 0.0 | 37.634 | 0.912 | 0.0 | 40.519 | 1.029 | 0.0 | 37.57 | 1.19 | 0.0 | 48.226 | 0.876 | 0.0 | 41.235 | 0.72 | 0.0 | 40.322 | 0.841 |

| 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 | 7653 | 7654 | NS | 1 | 0.0 | 25.926 | 14.98 | 0.0 | 32.55 | 15.605 | 0.0 | 357.811 | 11.007 | 0.0 | 35.958 | 11.134 | 0.0 | 1.918 | 0.0 | 1.867 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.035 | 0.0 | |
| 2 | 7653 | 7654 | SN | 1 | 0.0 | 25.623 | 10.398 | 0.0 | 28.292 | 10.28 | 0.0 | 162.952 | 5.012 | 0.0 | 128.651 | 5.549 | 0.0 | 1.898 | 0.0 | 2.006 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.102 | 0.0 | |
| 3 | 7653 | 7654 | NS | 1 | 0.0 | 26.908 | 8.653 | 0.0 | 25.739 | 8.644 | 0.0 | 351.943 | 2.867 | 0.0 | 20.488 | 2.478 | 0.0 | 1.913 | 0.0 | 1.863 | 0.0 | 0.0 | 2.057 | 0.0 | 0.0 | 2.033 | 0.0 | |
| 4 | 7653 | 7654 | SN | 1 | 0.0 | 32.219 | 16.264 | 0.0 | 25.976 | 13.728 | 0.0 | 164.921 | 13.427 | 0.0 | 58.321 | 13.759 | 0.0 | 1.911 | 0.0 | 1.963 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.098 | 0.0 | |
| 5 | 7653 | 7654 | NS | 1 | 0.0 | 26.908 | 8.655 | 0.0 | 25.739 | 8.649 | 0.0 | 351.943 | 2.869 | 0.0 | 20.488 | 2.482 | 0.0 | 1.913 | 0.0 | 1.863 | 0.0 | 0.0 | 2.057 | 0.0 | 0.0 | 2.033 | 0.0 | |
| 6 | 7653 | 7654 | SN | 1 | 0.0 | 25.623 | 10.418 | 0.0 | 28.292 | 10.249 | 0.0 | 162.952 | 5.037 | 0.0 | 15.712 | 5.44 | 0.0 | 1.898 | 0.0 | 2.006 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.102 | 0.0 | |
| 7 | 7653 | 7654 | SN | 1 | 0.0 | 25.623 | 10.407 | 0.0 | 28.292 | 10.28 | 0.0 | 162.946 | 5.012 | 0.0 | 166.964 | 5.542 | 0.0 | 1.898 | 0.0 | 2.006 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.102 | 0.0 | |
| 8 | 7653 | 7654 | SN | 1 | 0.0 | 32.213 | 16.244 | 0.0 | 25.976 | 13.728 | 0.0 | 164.91 | 13.427 | 0.0 | 129.021 | 13.759 | 0.0 | 1.91 | 0.0 | 1.963 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.098 | 0.0 | |
| 9 | 7653 | 7654 | SN | 1 | 0.0 | 32.219 | 16.285 | 0.0 | 25.976 | 13.441 | 0.0 | 164.921 | 13.513 | 0.0 | 19.755 | 13.416 | 0.0 | 1.911 | 0.0 | 1.963 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.098 | 0.0 | |
| 10 | 7653 | 7654 | NS | 1 | 0.0 | 25.926 | 14.98 | 0.0 | 32.55 | 15.605 | 0.0 | 357.8 | 10.986 | 0.0 | 35.401 | 11.106 | 0.0 | 1.922 | 0.0 | 1.867 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.035 | 0.0 | |
| 11 | 7654 | 7655 | SN | 1 | 0.0 | 25.612 | 10.416 | 0.0 | 71.419 | 10.278 | 0.0 | 161.17 | 4.973 | 0.0 | 136.157 | 5.464 | 0.0 | 1.898 | 0.0 | 2.008 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.101 | 0.0 | |
| 12 | 7654 | 7655 | SN | 1 | 0.0 | 32.213 | 16.302 | 0.0 | 228.473 | 13.76 | 0.0 | 165.593 | 13.387 | 0.0 | 59.303 | 13.681 | 0.0 | 1.907 | 0.0 | 1.974 | 0.0 | 0.0 | 2.082 | 0.0 | 0.0 | 2.1 | 0.0 | |
| 13 | 7654 | 7655 | NS | 1 | 0.0 | 26.902 | 8.636 | 0.0 | 25.727 | 8.683 | 0.0 | 306.692 | 2.862 | 0.0 | 40.883 | 2.455 | 0.0 | 1.909 | 0.0 | 1.863 | 0.0 | 0.0 | 2.056 | 0.0 | 0.0 | 2.033 | 0.0 | |
| 14 | 7654 | 7655 | SN | 1 | 0.0 | 25.612 | 10.416 | 0.0 | 71.419 | 10.278 | 0.0 | 161.17 | 4.973 | 0.0 | 136.124 | 5.466 | 0.0 | 1.898 | 0.0 | 2.008 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.101 | 0.0 | |
| 15 | 7654 | 7655 | SN | 1 | 0.0 | 32.213 | 16.302 | 0.0 | 228.473 | 13.76 | 0.0 | 165.593 | 13.387 | 0.0 | 59.297 | 13.681 | 0.0 | 1.907 | 0.0 | 1.974 | 0.0 | 0.0 | 2.082 | 0.0 | 0.0 | 2.1 | 0.0 | |
| 16 | 7654 | 7655 | NS | 1 | 0.0 | 26.902 | 8.634 | 0.0 | 25.727 | 8.681 | 0.0 | 306.692 | 2.866 | 0.0 | 40.877 | 2.453 | 0.0 | 1.909 | 0.0 | 1.863 | 0.0 | 0.0 | 2.057 | 0.0 | 0.0 | 2.033 | 0.0 | |
| 17 | 7654 | 7655 | NS | 1 | 0.0 | 25.92 | 14.987 | 0.0 | 32.583 | 15.644 | 0.0 | 359.542 | 10.95 | 0.0 | 52.751 | 11.041 | 0.0 | 1.923 | 0.0 | 1.867 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.034 | 0.0 | |
| 18 | 7654 | 7655 | NS | 1 | 0.0 | 25.92 | 14.987 | 0.0 | 32.583 | 15.634 | 0.0 | 359.542 | 10.943 | 0.0 | 52.74 | 11.041 | 0.0 | 1.923 | 0.0 | 1.867 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.034 | 0.0 | |
| 19 | 7655 | 7656 | SN | 1 | 0.0 | 25.628 | 10.477 | 0.0 | 28.253 | 10.242 | 0.0 | 167.678 | 5.118 | 0.0 | 15.729 | 5.5 | 0.0 | 1.899 | 0.0 | 2.007 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.101 | 0.0 | |
| 20 | 7655 | 7656 | SN | 1 | 0.0 | 32.616 | 16.362 | 0.0 | 25.915 | 13.742 | 0.0 | 167.678 | 13.408 | 0.0 | 45.372 | 13.785 | 0.0 | 1.913 | 0.0 | 1.959 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.099 | 0.0 | |
| 21 | 7655 | 7656 | NS | 1 | 0.0 | 25.926 | 14.937 | 0.0 | 35.114 | 15.639 | 0.0 | 356.47 | 10.934 | 0.0 | 49.475 | 10.916 | 0.0 | 1.924 | 0.0 | 1.867 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.035 | 0.0 | |
| 22 | 7655 | 7656 | SN | 1 | 0.0 | 32.616 | 16.37 | 0.0 | 25.915 | 13.54 | 0.0 | 167.678 | 13.483 | 0.0 | 20.681 | 13.531 | 0.0 | 1.913 | 0.0 | 1.959 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.099 | 0.0 | |
| 23 | 7655 | 7656 | SN | 1 | 0.0 | 32.616 | 16.362 | 0.0 | 25.915 | 13.742 | 0.0 | 167.678 | 13.408 | 0.0 | 45.372 | 13.785 | 0.0 | 1.913 | 0.0 | 1.959 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.099 | 0.0 | |
| 24 | 7655 | 7656 | SN | 1 | 0.0 | 25.628 | 10.468 | 0.0 | 28.253 | 10.266 | 0.0 | 167.678 | 5.095 | 0.0 | 67.426 | 5.591 | 0.0 | 1.899 | 0.0 | 2.007 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.101 | 0.0 | |
| 25 | 7655 | 7656 | NS | 1 | 0.0 | 26.919 | 8.614 | 0.0 | 27.007 | 8.628 | 0.0 | 141.148 | 2.853 | 0.0 | 35.947 | 2.44 | 0.0 | 1.909 | 0.0 | 1.863 | 0.0 | 0.0 | 2.056 | 0.0 | 0.0 | 2.033 | 0.0 | |
| 26 | 7655 | 7656 | SN | 1 | 0.0 | 25.628 | 10.468 | 0.0 | 28.253 | 10.266 | 0.0 | 167.678 | 5.095 | 0.0 | 67.426 | 5.591 | 0.0 | 1.899 | 0.0 | 2.007 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.101 | 0.0 | |
| 27 | 7656 | 7657 | NS | 1 | 0.0 | 25.932 | 15.003 | 0.0 | 32.583 | 15.678 | 0.0 | 356.614 | 10.888 | 0.0 | 47.418 | 10.888 | 0.0 | 1.923 | 0.0 | 1.866 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.034 | 0.0 | |
| 28 | 7656 | 7657 | SN | 1 | 0.0 | 25.634 | 10.506 | 0.0 | 28.259 | 10.261 | 0.0 | 192.628 | 5.095 | 0.0 | 75.324 | 5.575 | 0.0 | 1.899 | 0.0 | 2.007 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.112 | 0.0 | |
| 29 | 7656 | 7657 | SN | 1 | 0.0 | 31.722 | 16.444 | 0.0 | 25.976 | 13.742 | 0.0 | 162.56 | 13.407 | 0.0 | 66.141 | 13.849 | 0.0 | 1.913 | 0.0 | 1.964 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.1 | 0.0 | |
| 30 | 7656 | 7657 | NS | 1 | 0.0 | 25.937 | 14.979 | 0.0 | 35.186 | 15.669 | 0.0 | 356.901 | 10.899 | 0.0 | 50.22 | 10.902 | 0.0 | 1.914 | 0.0 | 1.866 | 0.0 | 0.0 | 2.059 | 0.0 | 0.0 | 2.033 | 0.0 | |
| 31 | 7656 | 7657 | NS | 1 | 0.0 | 26.913 | 8.632 | 0.0 | 27.012 | 8.613 | 0.0 | 357.254 | 2.842 | 0.0 | 36.664 | 2.428 | 0.0 | 1.913 | 0.0 | 1.863 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.033 | 0.0 | |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|---------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 7656 | 7657 | SN | 1 | 0.0 | 25.634 | 10.532 | 0.0 | 28.259 | 10.232 | 0.0 | 192.628 | 5.13 | 0.0 | 15.723 | 5.452 | 0.0 | 1.899 | 0.0 | 0.0 | 2.007 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.112 | 0.0 |
| 33 | 7656 | 7657 | SN | 1 | 0.0 | 31.722 | 16.453 | 0.0 | 25.976 | 13.387 | 0.0 | 162.56 | 13.491 | 0.0 | 18.387 | 13.448 | 0.0 | 1.913 | 0.0 | 0.0 | 1.964 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.1 | 0.0 |
| 34 | 7656 | 7657 | SN | 1 | 0.0 | 31.722 | 16.444 | 0.0 | 25.976 | 13.752 | 0.0 | 162.615 | 13.414 | 0.0 | 66.125 | 13.877 | 0.0 | 1.913 | 0.0 | 0.0 | 1.987 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.1 | 0.0 |
| 35 | 7656 | 7657 | SN | 1 | 0.0 | 25.634 | 10.499 | 0.0 | 28.259 | 10.259 | 0.0 | 192.733 | 5.091 | 0.0 | 75.324 | 5.575 | 0.0 | 1.899 | 0.0 | 0.0 | 2.007 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.113 | 0.0 |
| 36 | 7656 | 7657 | NS | 1 | 0.0 | 26.913 | 8.632 | 0.0 | 27.012 | 8.629 | 0.0 | 152.669 | 2.844 | 0.0 | 34.0 | 2.408 | 0.0 | 1.911 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.056 | 0.0 | 0.0 | 2.033 | 0.0 |
| 37 | 7657 | 7658 | SN | 1 | 0.0 | 25.628 | 10.489 | 0.0 | 28.253 | 10.253 | 0.0 | 176.37 | 5.086 | 0.0 | 86.078 | 5.595 | 0.0 | 1.899 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.105 | 0.0 |
| 38 | 7657 | 7658 | NS | 1 | 0.0 | 204.207 | 14.98 | 0.0 | 32.572 | 15.689 | 0.0 | 358.357 | 10.932 | 0.0 | 48.151 | 10.945 | 0.0 | 1.927 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.059 | 0.0 | 0.0 | 2.035 | 0.0 |
| 39 | 7657 | 7658 | NS | 1 | 0.0 | 26.902 | 8.617 | 0.0 | 25.727 | 8.636 | 0.0 | 357.573 | 2.84 | 0.0 | 34.59 | 2.417 | 0.0 | 1.912 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.033 | 0.0 |
| 40 | 7657 | 7658 | NS | 1 | 0.0 | 26.902 | 8.617 | 0.0 | 25.722 | 8.634 | 0.0 | 357.579 | 2.842 | 0.0 | 34.601 | 2.417 | 0.0 | 1.912 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.057 | 0.0 | 0.0 | 2.033 | 0.0 |
| 41 | 7657 | 7658 | SN | 1 | 0.0 | 32.654 | 16.449 | 0.0 | 25.976 | 13.783 | 0.0 | 177.671 | 13.369 | 0.0 | 40.359 | 13.755 | 0.0 | 1.917 | 0.0 | 0.0 | 1.968 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.103 | 0.0 |
| 42 | 7657 | 7658 | SN | 1 | 0.0 | 32.654 | 16.459 | 0.0 | 25.397 | 13.217 | 0.0 | 177.671 | 13.45 | 0.0 | 16.733 | 13.212 | 0.0 | 1.917 | 0.0 | 0.0 | 1.968 | 0.0 | 0.0 | 2.083 | 0.0 | 0.0 | 2.103 | 0.0 |
| 43 | 7657 | 7658 | SN | 1 | 0.0 | 25.628 | 10.535 | 0.0 | 28.253 | 10.174 | 0.0 | 176.37 | 5.13 | 0.0 | 15.712 | 5.437 | 0.0 | 1.899 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.105 | 0.0 |
| 44 | 7657 | 7658 | NS | 1 | 0.0 | 25.937 | 14.96 | 0.0 | 32.572 | 15.679 | 0.0 | 358.357 | 10.911 | 0.0 | 48.162 | 10.952 | 0.0 | 1.926 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.059 | 0.0 | 0.0 | 2.035 | 0.0 |
| 45 | 7658 | 7659 | SN | 1 | 0.0 | 25.645 | 10.482 | 0.0 | 28.27 | 10.283 | 0.0 | 188.9 | 5.081 | 0.0 | 67.735 | 5.54 | 0.0 | 1.899 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.112 | 0.0 |
| 46 | 7658 | 7659 | SN | 1 | 0.0 | 32.671 | 16.428 | 0.0 | 25.97 | 13.808 | 0.0 | 168.152 | 13.411 | 0.0 | 122.579 | 13.819 | 0.0 | 1.918 | 0.0 | 0.0 | 1.967 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.102 | 0.0 |
| 47 | 7658 | 7659 | NS | 1 | 0.0 | 26.908 | 8.615 | 0.0 | 27.007 | 8.647 | 0.0 | 354.992 | 2.837 | 0.0 | 26.191 | 2.411 | 0.0 | 1.911 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.057 | 0.0 | 0.0 | 2.032 | 0.0 |
| 48 | 7658 | 7659 | SN | 1 | 0.0 | 25.645 | 10.485 | 0.0 | 28.27 | 10.292 | 0.0 | 188.856 | 5.083 | 0.0 | 67.735 | 5.544 | 0.0 | 1.899 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.112 | 0.0 |
| 49 | 7658 | 7659 | SN | 1 | 0.0 | 32.671 | 16.464 | 0.0 | 24.415 | 13.06 | 0.0 | 168.152 | 13.527 | 0.0 | 16.016 | 12.972 | 0.0 | 1.918 | 0.0 | 0.0 | 1.967 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.102 | 0.0 |
| 50 | 7658 | 7659 | NS | 1 | 0.0 | 25.932 | 14.992 | 0.0 | 32.555 | 15.579 | 0.0 | 354.992 | 10.931 | 0.0 | 48.797 | 10.981 | 0.0 | 1.922 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.062 | 0.0 | 0.0 | 2.034 | 0.0 |
| 51 | 7658 | 7659 | SN | 1 | 0.0 | 31.502 | 16.438 | 0.0 | 25.97 | 13.808 | 0.0 | 168.185 | 13.411 | 0.0 | 122.579 | 13.819 | 0.0 | 1.918 | 0.0 | 0.0 | 1.967 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.102 | 0.0 |
| 52 | 7658 | 7659 | NS | 1 | 0.0 | 25.915 | 15.009 | 0.0 | 32.478 | 15.615 | 0.0 | 354.992 | 10.95 | 0.0 | 34.982 | 10.942 | 0.0 | 1.921 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.035 | 0.0 |
| 53 | 7658 | 7659 | SN | 1 | 0.0 | 25.645 | 10.577 | 0.0 | 28.27 | 10.165 | 0.0 | 188.856 | 5.156 | 0.0 | 15.751 | 5.356 | 0.0 | 1.899 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.112 | 0.0 |
| 54 | 7658 | 7659 | NS | 1 | 0.0 | 26.908 | 8.608 | 0.0 | 27.007 | 8.625 | 0.0 | 354.187 | 2.845 | 0.0 | 35.191 | 2.417 | 0.0 | 1.911 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.032 | 0.0 |
| 55 | 7659 | 7660 | SN | 1 | 0.0 | 25.639 | 10.444 | 0.0 | 28.27 | 10.292 | 0.0 | 174.539 | 5.009 | 0.0 | 77.417 | 5.51 | 0.0 | 1.898 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.11 | 0.0 |
| 56 | 7659 | 7660 | SN | 1 | 0.0 | 25.639 | 10.541 | 0.0 | 28.27 | 10.141 | 0.0 | 174.539 | 5.091 | 0.0 | 15.745 | 5.282 | 0.0 | 1.898 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.11 | 0.0 |
| 57 | 7659 | 7660 | NS | 1 | 0.0 | 25.926 | 14.992 | 0.0 | 32.538 | 15.589 | 0.0 | 358.401 | 10.91 | 0.0 | 35.042 | 10.988 | 0.0 | 1.916 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.059 | 0.0 | 0.0 | 2.034 | 0.0 |
| 58 | 7659 | 7660 | SN | 1 | 0.0 | 31.584 | 16.467 | 0.0 | 24.233 | 12.911 | 0.0 | 164.794 | 13.617 | 0.0 | 16.01 | 12.843 | 0.0 | 1.915 | 0.0 | 0.0 | 1.968 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.1 | 0.0 |
| 59 | 7659 | 7660 | SN | 1 | 0.0 | 31.584 | 16.401 | 0.0 | 25.976 | 13.742 | 0.0 | 164.794 | 13.484 | 0.0 | 57.714 | 13.747 | 0.0 | 1.915 | 0.0 | 0.0 | 1.968 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.1 | 0.0 |
| 60 | 7659 | 7660 | NS | 1 | 0.0 | 26.908 | 8.628 | 0.0 | 27.012 | 8.625 | 0.0 | 354.518 | 2.852 | 0.0 | 28.888 | 2.417 | 0.0 | 1.91 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.057 | 0.0 | 0.0 | 2.032 | 0.0 |
| 61 | 7660 | 7661 | NS | 1 | 0.0 | 25.915 | 14.967 | 0.0 | 32.516 | 15.594 | 0.0 | 357.816 | 10.972 | 0.0 | 35.368 | 10.992 | 0.0 | 1.923 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.034 | 0.0 |
| 62 | 7660 | 7661 | SN | 1 | 0.0 | 32.009 | 16.381 | 0.0 | 24.101 | 12.678 | 0.0 | 164.088 | 13.629 | 0.0 | 16.027 | 12.549 | 0.0 | 1.918 | 0.0 | 0.0 | 1.97 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.101 | 0.0 |
| 63 | 7660 | 7661 | SN | 1 | 0.0 | 32.009 | 16.381 | 0.0 | 24.101 | 12.678 | 0.0 | 164.088 | 13.629 | 0.0 | 16.027 | 12.549 | 0.0 | 1.918 | 0.0 | 0.0 | 1.97 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.101 | 0.0 |
| 64 | 7660 | 7661 | NS | 1 | 0.0 | 25.915 | 14.967 | 0.0 | 32.516 | 15.594 | 0.0 | 357.816 | 10.965 | 0.0 | 35.368 | 10.992 | 0.0 | 1.923 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.034 | 0.0 |
| 65 | 7660 | 7661 | SN | 1 | 0.0 | 25.634 | 10.441 | 0.0 | 28.264 | 9.978 | 0.0 | 161.523 | 4.98 | 0.0 | 15.712 | 5.144 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.1 | 0.0 |
| 66 | 7660 | 7661 | SN | 1 | 0.0 | 25.634 | 10.441 | 0.0 | 28.264 | 9.978 | 0.0 | 161.523 | 4.98 | 0.0 | 15.712 | 5.144 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.1 | 0.0 |
| 67 | 7660 | 7661 | NS | 1 | 0.0 | 26.897 | 8.64 | 0.0 | 25.727 | 8.656 | 0.0 | 304.596 | 2.86 | 0.0 | 21.1 | 2.425 | 0.0 | 1.909 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.056 | 0.0 | 0.0 | 2.032 | 0.0 |
| 68 | 7660 | 7661 | NS | 1 | 0.0 | 26.897 | 8.647 | 0.0 | 25.727 | 8.654 | 0.0 | 304.574 | 2.859 | 0.0 | 20.891 | 2.429 | 0.0 | 1.909 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.056 | 0.0 | 0.0 | 2.032 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 7660 | 7661 | SN | 1 | 0.0 | 25.634 | 10.354 | 0.0 | 28.264 | 10.158 | 0.0 | 161.523 | 4.879 | 0.0 | 75.324 | 5.418 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.1 | 0.0 |
| 70 | 7660 | 7661 | SN | 1 | 0.0 | 32.009 | 16.287 | 0.0 | 25.976 | 13.68 | 0.0 | 164.088 | 13.481 | 0.0 | 58.823 | 13.681 | 0.0 | 1.918 | 0.0 | 0.0 | 1.97 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.101 | 0.0 |
| 71 | 7661 | 7662 | SN | 1 | 0.0 | 31.595 | 16.506 | 0.0 | 24.101 | 12.595 | 0.0 | 164.226 | 13.669 | 0.0 | 15.955 | 12.506 | 0.0 | 1.918 | 0.0 | 0.0 | 1.972 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.101 | 0.0 |
| 72 | 7661 | 7662 | SN | 1 | 0.0 | 31.595 | 16.506 | 0.0 | 24.101 | 12.595 | 0.0 | 164.226 | 13.669 | 0.0 | 15.955 | 12.506 | 0.0 | 1.918 | 0.0 | 0.0 | 1.972 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.101 | 0.0 |
| 73 | 7661 | 7662 | SN | 1 | 0.0 | 31.595 | 16.386 | 0.0 | 25.97 | 13.751 | 0.0 | 164.226 | 13.465 | 0.0 | 59.783 | 13.845 | 0.0 | 1.918 | 0.0 | 0.0 | 1.972 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.101 | 0.0 |
| 74 | 7661 | 7662 | NS | 1 | 0.0 | 26.93 | 8.638 | 0.0 | 25.733 | 8.629 | 0.0 | 353.239 | 2.839 | 0.0 | 40.717 | 2.406 | 0.0 | 1.907 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.032 | 0.0 |
| 75 | 7661 | 7662 | NS | 1 | 0.0 | 25.921 | 14.937 | 0.0 | 32.511 | 15.642 | 0.0 | 358.279 | 10.907 | 0.0 | 52.525 | 10.899 | 0.0 | 1.921 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.035 | 0.0 |
| 76 | 7661 | 7662 | SN | 1 | 0.0 | 25.617 | 10.461 | 0.0 | 28.253 | 10.284 | 0.0 | 169.2 | 4.982 | 0.0 | 136.102 | 5.499 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.1 | 0.0 |
| 77 | 7661 | 7662 | SN | 1 | 0.0 | 25.617 | 10.578 | 0.0 | 28.253 | 10.098 | 0.0 | 169.2 | 5.121 | 0.0 | 15.718 | 5.25 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.1 | 0.0 |
| 78 | 7661 | 7662 | NS | 1 | 0.0 | 26.93 | 8.638 | 0.0 | 25.733 | 8.629 | 0.0 | 353.239 | 2.839 | 0.0 | 40.717 | 2.406 | 0.0 | 1.907 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.032 | 0.0 |
| 79 | 7661 | 7662 | NS | 1 | 0.0 | 25.921 | 14.937 | 0.0 | 32.511 | 15.642 | 0.0 | 358.279 | 10.907 | 0.0 | 52.525 | 10.899 | 0.0 | 1.921 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.035 | 0.0 |
| 80 | 7661 | 7662 | SN | 1 | 0.0 | 25.617 | 10.578 | 0.0 | 28.253 | 10.098 | 0.0 | 169.2 | 5.121 | 0.0 | 15.718 | 5.25 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.1 | 0.0 |
| 81 | 7662 | 7663 | NS | 1 | 0.0 | 26.919 | 8.61 | 0.0 | 25.727 | 8.551 | 0.0 | 142.389 | 2.826 | 0.0 | 34.259 | 2.366 | 0.0 | 1.908 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.031 | 0.0 |
| 82 | 7662 | 7663 | SN | 1 | 0.0 | 25.634 | 10.586 | 0.0 | 28.259 | 10.094 | 0.0 | 159.565 | 5.177 | 0.0 | 15.696 | 5.335 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.103 | 0.0 |
| 83 | 7662 | 7663 | NS | 1 | 0.0 | 25.921 | 14.92 | 0.0 | 35.395 | 15.549 | 0.0 | 356.592 | 10.926 | 0.0 | 49.161 | 10.919 | 0.0 | 1.916 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.059 | 0.0 | 0.0 | 2.033 | 0.0 |
| 84 | 7662 | 7663 | SN | 1 | 0.0 | 31.722 | 16.47 | 0.0 | 24.101 | 12.487 | 0.0 | 152.374 | 13.769 | 0.0 | 15.938 | 12.376 | 0.0 | 1.919 | 0.0 | 0.0 | 2.001 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.099 | 0.0 |
| 85 | 7667 | 7668 | SN | 1 | 0.0 | 31.59 | 16.371 | 0.0 | 25.97 | 13.721 | 0.0 | 165.202 | 13.533 | 0.0 | 59.104 | 13.873 | 0.0 | 1.918 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.105 | 0.0 |
| 86 | 7667 | 7668 | SN | 1 | 0.0 | 31.59 | 16.371 | 0.0 | 25.97 | 13.721 | 0.0 | 165.202 | 13.533 | 0.0 | 59.104 | 13.873 | 0.0 | 1.918 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.105 | 0.0 |
| 87 | 7667 | 7668 | SN | 1 | 0.0 | 25.634 | 10.414 | 0.0 | 28.259 | 10.314 | 0.0 | 169.989 | 5.114 | 0.0 | 75.958 | 5.627 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.111 | 0.0 |
| 88 | 7667 | 7668 | SN | 1 | 0.0 | 25.634 | 10.414 | 0.0 | 28.259 | 10.314 | 0.0 | 169.989 | 5.114 | 0.0 | 75.958 | 5.627 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.111 | 0.0 |
| 89 | 7667 | 7668 | SN | 1 | 0.0 | 25.634 | 10.469 | 0.0 | 28.259 | 10.21 | 0.0 | 169.989 | 5.174 | 0.0 | 15.74 | 5.454 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.111 | 0.0 |
| 90 | 7667 | 7668 | SN | 1 | 0.0 | 31.59 | 16.427 | 0.0 | 24.498 | 13.147 | 0.0 | 165.202 | 13.653 | 0.0 | 16.016 | 13.208 | 0.0 | 1.918 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.105 | 0.0 |
| 91 | 7668 | 7669 | SN | 1 | 0.0 | 25.639 | 10.459 | 0.0 | 28.248 | 10.322 | 0.0 | 179.965 | 4.884 | 0.0 | 15.762 | 5.334 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.109 | 0.0 |
| 92 | 7668 | 7669 | NS | 1 | 0.0 | 26.913 | 8.599 | 0.0 | 27.018 | 8.564 | 0.0 | 355.489 | 2.784 | 0.0 | 40.651 | 2.379 | 0.0 | 1.908 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.031 | 0.0 |
| 93 | 7668 | 7669 | SN | 1 | 0.0 | 25.639 | 10.446 | 0.0 | 28.248 | 10.336 | 0.0 | 179.965 | 4.863 | 0.0 | 138.043 | 5.42 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.109 | 0.0 |
| 94 | 7668 | 7669 | SN | 1 | 0.0 | 25.639 | 10.446 | 0.0 | 28.248 | 10.336 | 0.0 | 179.965 | 4.863 | 0.0 | 138.049 | 5.42 | 0.0 | 1.898 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.109 | 0.0 |
| 95 | 7668 | 7669 | NS | 1 | 0.0 | 25.915 | 14.947 | 0.0 | 32.483 | 15.547 | 0.0 | 358.29 | 10.835 | 0.0 | 52.381 | 11.001 | 0.0 | 1.921 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.034 | 0.0 |
| 96 | 7668 | 7669 | NS | 1 | 0.0 | 25.915 | 14.947 | 0.0 | 32.483 | 15.547 | 0.0 | 358.29 | 10.835 | 0.0 | 52.381 | 11.001 | 0.0 | 1.921 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.034 | 0.0 |
| 97 | 7668 | 7669 | SN | 1 | 0.0 | 31.623 | 16.486 | 0.0 | 25.97 | 13.566 | 0.0 | 174.5 | 13.514 | 0.0 | 21.779 | 13.42 | 0.0 | 1.919 | 0.0 | 0.0 | 1.98 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.101 | 0.0 |
| 98 | 7668 | 7669 | SN | 1 | 0.0 | 31.623 | 16.458 | 0.0 | 25.97 | 13.742 | 0.0 | 174.5 | 13.464 | 0.0 | 60.439 | 13.631 | 0.0 | 1.919 | 0.0 | 0.0 | 1.98 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.101 | 0.0 |
| 99 | 7668 | 7669 | SN | 1 | 0.0 | 31.623 | 16.458 | 0.0 | 25.97 | 13.742 | 0.0 | 174.5 | 13.464 | 0.0 | 60.439 | 13.631 | 0.0 | 1.919 | 0.0 | 0.0 | 1.98 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.101 | 0.0 |
| 100 | 7668 | 7669 | NS | 1 | 0.0 | 26.913 | 8.599 | 0.0 | 27.018 | 8.564 | 0.0 | 355.489 | 2.784 | 0.0 | 40.651 | 2.379 | 0.0 | 1.908 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.031 | 0.0 |
| 101 | 7669 | 7670 | SN | 1 | 0.0 | 31.524 | 16.52 | 0.0 | 25.965 | 13.571 | 0.0 | 164.06 | 13.617 | 0.0 | 22.121 | 13.784 | 0.0 | 1.919 | 0.0 | 0.0 | 1.976 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.099 | 0.0 |
| 102 | 7669 | 7670 | NS | 1 | 0.0 | 26.913 | 8.585 | 0.0 | 25.722 | 8.546 | 0.0 | 136.345 | 2.787 | 0.0 | 34.358 | 2.316 | 0.0 | 1.909 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.031 | 0.0 |
| 103 | 7669 | 7670 | SN | 1 | 0.0 | 25.645 | 10.566 | 0.0 | 28.248 | 10.331 | 0.0 | 165.957 | 5.151 | 0.0 | 64.498 | 5.634 | 0.0 | 1.899 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.1 | 0.0 |
| 104 | 7669 | 7670 | SN | 1 | 0.0 | 31.524 | 16.513 | 0.0 | 25.965 | 13.792 | 0.0 | 164.06 | 13.554 | 0.0 | 137.106 | 14.041 | 0.0 | 1.919 | 0.0 | 0.0 | 1.976 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.099 | 0.0 |
| 105 | 7669 | 7670 | NS | 1 | 0.0 | 26.913 | 8.588 | 0.0 | 25.722 | 8.546 | 0.0 | 136.339 | 2.783 | 0.0 | 34.364 | 2.325 | 0.0 | 1.909 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.031 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 7669 | 7670 | NS | 1 | 0.0 | 25.92 | 14.96 | 0.0 | 35.335 | 15.537 | 0.0 | 356.52 | 10.843 | 0.0 | 49.177 | 10.79 | 0.0 | 1.925 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.059 | 0.0 | 0.0 | 2.033 | 0.0 |
| 107 | 7669 | 7670 | SN | 1 | 0.0 | 25.645 | 10.581 | 0.0 | 28.248 | 10.311 | 0.0 | 165.957 | 5.179 | 0.0 | 16.755 | 5.563 | 0.0 | 1.899 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.1 | 0.0 |
| 108 | 7669 | 7670 | NS | 1 | 0.0 | 25.92 | 14.94 | 0.0 | 35.335 | 15.557 | 0.0 | 356.52 | 10.864 | 0.0 | 49.183 | 10.783 | 0.0 | 1.926 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.059 | 0.0 | 0.0 | 2.032 | 0.0 |
| 109 | 7669 | 7670 | SN | 1 | 0.0 | 25.645 | 10.581 | 0.0 | 28.248 | 10.311 | 0.0 | 165.957 | 5.179 | 0.0 | 16.755 | 5.563 | 0.0 | 1.899 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.1 | 0.0 |
| 110 | 7669 | 7670 | SN | 1 | 0.0 | 31.524 | 16.52 | 0.0 | 25.965 | 13.571 | 0.0 | 164.06 | 13.617 | 0.0 | 22.121 | 13.784 | 0.0 | 1.919 | 0.0 | 0.0 | 1.976 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.099 | 0.0 |
| 111 | 7670 | 7671 | NS | 1 | 0.0 | 25.915 | 14.929 | 0.0 | 35.439 | 15.517 | 0.0 | 356.669 | 10.806 | 0.0 | 49.938 | 10.796 | 0.0 | 1.926 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.058 | 0.0 | 0.0 | 2.033 | 0.0 |
| 112 | 7670 | 7671 | SN | 1 | 0.0 | 31.524 | 16.505 | 0.0 | 25.97 | 13.517 | 0.0 | 158.49 | 13.672 | 0.0 | 20.665 | 13.675 | 0.0 | 1.92 | 0.0 | 0.0 | 1.974 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.099 | 0.0 |
| 113 | 7670 | 7671 | SN | 1 | 0.0 | 25.634 | 10.595 | 0.0 | 28.226 | 10.317 | 0.0 | 162.764 | 5.172 | 0.0 | 65.877 | 5.669 | 0.0 | 1.9 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.109 | 0.0 |
| 114 | 7670 | 7671 | SN | 1 | 0.0 | 25.634 | 10.593 | 0.0 | 28.226 | 10.317 | 0.0 | 162.764 | 5.172 | 0.0 | 66.395 | 5.669 | 0.0 | 1.9 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.109 | 0.0 |
| 115 | 7670 | 7671 | SN | 1 | 0.0 | 31.524 | 16.496 | 0.0 | 25.965 | 13.757 | 0.0 | 158.49 | 13.568 | 0.0 | 45.217 | 14.006 | 0.0 | 1.92 | 0.0 | 0.0 | 1.974 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.099 | 0.0 |
| 116 | 7670 | 7671 | SN | 1 | 0.0 | 31.524 | 16.496 | 0.0 | 25.965 | 13.757 | 0.0 | 158.49 | 13.568 | 0.0 | 45.217 | 14.006 | 0.0 | 1.92 | 0.0 | 0.0 | 1.974 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.099 | 0.0 |
| 117 | 7670 | 7671 | NS | 1 | 0.0 | 26.924 | 8.569 | 0.0 | 27.001 | 8.537 | 0.0 | 357.027 | 2.762 | 0.0 | 34.971 | 2.3 | 0.0 | 1.907 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.033 | 0.0 |
| 118 | 7670 | 7671 | SN | 1 | 0.0 | 25.634 | 10.61 | 0.0 | 28.226 | 10.29 | 0.0 | 162.764 | 5.203 | 0.0 | 15.734 | 5.565 | 0.0 | 1.9 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.109 | 0.0 |
| 119 | 7671 | 7672 | SN | 1 | 0.0 | 35.908 | 16.643 | 0.0 | 25.965 | 13.311 | 0.0 | 179.513 | 13.641 | 0.0 | 17.543 | 13.444 | 0.0 | 1.922 | 0.0 | 0.0 | 1.962 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.101 | 0.0 |
| 120 | 7671 | 7672 | SN | 1 | 0.0 | 25.645 | 10.602 | 0.0 | 28.248 | 10.342 | 0.0 | 203.801 | 5.193 | 0.0 | 73.134 | 5.637 | 0.0 | 1.901 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.101 | 0.0 |
| 121 | 7671 | 7672 | SN | 1 | 0.0 | 25.645 | 10.631 | 0.0 | 28.248 | 10.276 | 0.0 | 203.801 | 5.237 | 0.0 | 15.723 | 5.497 | 0.0 | 1.901 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.101 | 0.0 |
| 122 | 7671 | 7672 | NS | 1 | 0.0 | 26.924 | 8.573 | 0.0 | 25.716 | 8.553 | 0.0 | 168.188 | 2.769 | 0.0 | 34.386 | 2.288 | 0.0 | 1.905 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.031 | 0.0 |
| 123 | 7671 | 7672 | SN | 1 | 0.0 | 25.645 | 10.602 | 0.0 | 28.248 | 10.342 | 0.0 | 203.801 | 5.193 | 0.0 | 73.134 | 5.637 | 0.0 | 1.901 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.101 | 0.0 |
| 124 | 7671 | 7672 | NS | 1 | 0.0 | 26.924 | 8.568 | 0.0 | 25.716 | 8.558 | 0.0 | 168.177 | 2.765 | 0.0 | 34.375 | 2.297 | 0.0 | 1.905 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.031 | 0.0 |
| 125 | 7671 | 7672 | NS | 1 | 0.0 | 25.915 | 14.93 | 0.0 | 32.412 | 15.537 | 0.0 | 358.097 | 10.796 | 0.0 | 47.859 | 10.811 | 0.0 | 1.922 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.057 | 0.0 | 0.0 | 2.032 | 0.0 |
| 126 | 7671 | 7672 | NS | 1 | 0.0 | 25.921 | 14.93 | 0.0 | 32.412 | 15.537 | 0.0 | 358.103 | 10.803 | 0.0 | 47.843 | 10.826 | 0.0 | 1.913 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.058 | 0.0 | 0.0 | 2.033 | 0.0 |
| 127 | 7671 | 7672 | SN | 1 | 0.0 | 35.908 | 16.62 | 0.0 | 25.965 | 13.778 | 0.0 | 179.513 | 13.552 | 0.0 | 135.501 | 13.982 | 0.0 | 1.922 | 0.0 | 0.0 | 1.962 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.101 | 0.0 |
| 128 | 7671 | 7672 | SN | 1 | 0.0 | 35.908 | 16.62 | 0.0 | 25.965 | 13.778 | 0.0 | 179.513 | 13.552 | 0.0 | 135.501 | 13.982 | 0.0 | 1.922 | 0.0 | 0.0 | 1.962 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.101 | 0.0 |
| 129 | 7672 | 7673 | SN | 1 | 0.0 | 25.65 | 10.58 | 0.0 | 28.253 | 10.358 | 0.0 | 171.175 | 5.209 | 0.0 | 80.282 | 5.632 | 0.0 | 1.904 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.111 | 0.0 |
| 130 | 7672 | 7673 | SN | 1 | 0.0 | 35.759 | 16.569 | 0.0 | 25.948 | 13.173 | 0.0 | 176.083 | 13.724 | 0.0 | 16.126 | 13.324 | 0.0 | 1.924 | 0.0 | 0.0 | 1.998 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.1 | 0.0 |
| 131 | 7672 | 7673 | SN | 1 | 0.0 | 35.759 | 16.56 | 0.0 | 25.97 | 13.797 | 0.0 | 176.083 | 13.63 | 0.0 | 155.068 | 14.01 | 0.0 | 1.924 | 0.0 | 0.0 | 1.998 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.1 | 0.0 |
| 132 | 7672 | 7673 | SN | 1 | 0.0 | 35.759 | 16.56 | 0.0 | 25.97 | 13.797 | 0.0 | 176.083 | 13.63 | 0.0 | 155.068 | 14.01 | 0.0 | 1.924 | 0.0 | 0.0 | 1.998 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.1 | 0.0 |
| 133 | 7672 | 7673 | NS | 1 | 0.0 | 25.915 | 14.9 | 0.0 | 32.412 | 15.549 | 0.0 | 358.141 | 10.753 | 0.0 | 48.769 | 10.826 | 0.0 | 1.921 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.057 | 0.0 | 0.0 | 2.032 | 0.0 |
| 134 | 7672 | 7673 | NS | 1 | 0.0 | 25.909 | 14.912 | 0.0 | 32.412 | 15.529 | 0.0 | 358.147 | 10.739 | 0.0 | 48.736 | 10.826 | 0.0 | 1.921 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.057 | 0.0 | 0.0 | 2.032 | 0.0 |
| 135 | 7672 | 7673 | NS | 1 | 0.0 | 26.924 | 8.557 | 0.0 | 25.716 | 8.547 | 0.0 | 141.032 | 2.735 | 0.0 | 35.097 | 2.279 | 0.0 | 1.901 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.031 | 0.0 |
| 136 | 7672 | 7673 | SN | 1 | 0.0 | 25.65 | 10.636 | 0.0 | 28.253 | 10.262 | 0.0 | 171.175 | 5.272 | 0.0 | 15.723 | 5.465 | 0.0 | 1.904 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.111 | 0.0 |
| 137 | 7672 | 7673 | SN | 1 | 0.0 | 25.65 | 10.58 | 0.0 | 28.253 | 10.358 | 0.0 | 171.175 | 5.209 | 0.0 | 80.282 | 5.632 | 0.0 | 1.904 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.111 | 0.0 |
| 138 | 7672 | 7673 | NS | 1 | 0.0 | 26.924 | 8.566 | 0.0 | 25.716 | 8.542 | 0.0 | 140.994 | 2.738 | 0.0 | 35.12 | 2.293 | 0.0 | 1.904 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.031 | 0.0 |
| 139 | 7673 | 7674 | NS | 1 | 0.0 | 25.909 | 14.954 | 0.0 | 32.296 | 15.423 | 0.0 | 144.297 | 10.813 | 0.0 | 35.208 | 10.789 | 0.0 | 1.924 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.058 | 0.0 | 0.0 | 2.033 | 0.0 |
| 140 | 7673 | 7674 | SN | 1 | 0.0 | 32.213 | 16.579 | 0.0 | 24.415 | 13.006 | 0.0 | 163.233 | 13.765 | 0.0 | 15.977 | 13.055 | 0.0 | 1.923 | 0.0 | 0.0 | 1.997 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.101 | 0.0 |
| 141 | 7673 | 7674 | NS | 1 | 0.0 | 25.915 | 14.962 | 0.0 | 32.384 | 15.449 | 0.0 | 356.851 | 10.796 | 0.0 | 40.441 | 10.769 | 0.0 | 1.913 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.058 | 0.0 | 0.0 | 2.032 | 0.0 |
| 142 | 7673 | 7674 | SN | 1 | 0.0 | 32.919 | 16.536 | 0.0 | 25.97 | 13.712 | 0.0 | 163.393 | 13.62 | 0.0 | 58.509 | 13.904 | 0.0 | 1.924 | 0.0 | 0.0 | 1.997 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.101 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 143 | 7673 | 7674 | SN | 1 | 0.0 | 32.213 | 16.526 | 0.0 | 25.97 | 13.722 | 0.0 | 163.233 | 13.641 | 0.0 | 58.509 | 13.911 | 0.0 | 1.923 | 0.0 | 0.0 | 1.997 | 0.0 | 0.0 | 2.081 | 0.0 | 0.0 | 2.101 | 0.0 |
| 144 | 7673 | 7674 | SN | 1 | 0.0 | 25.639 | 10.659 | 0.0 | 28.237 | 10.202 | 0.0 | 166.928 | 5.219 | 0.0 | 15.729 | 5.368 | 0.0 | 1.903 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.1 | 0.0 |
| 145 | 7673 | 7674 | NS | 1 | 0.0 | 26.93 | 8.545 | 0.0 | 27.001 | 8.551 | 0.0 | 138.28 | 2.774 | 0.0 | 28.866 | 2.288 | 0.0 | 1.915 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.03 | 0.0 |
| 146 | 7673 | 7674 | NS | 1 | 0.0 | 26.93 | 8.567 | 0.0 | 27.001 | 8.532 | 0.0 | 148.77 | 2.764 | 0.0 | 25.904 | 2.289 | 0.0 | 1.909 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.03 | 0.0 |
| 147 | 7673 | 7674 | SN | 1 | 0.0 | 25.639 | 10.554 | 0.0 | 28.237 | 10.342 | 0.0 | 167.071 | 5.14 | 0.0 | 78.779 | 5.607 | 0.0 | 1.903 | 0.0 | 0.0 | 2.001 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.1 | 0.0 |
| 148 | 7673 | 7674 | SN | 1 | 0.0 | 25.639 | 10.567 | 0.0 | 28.237 | 10.338 | 0.0 | 166.928 | 5.138 | 0.0 | 78.779 | 5.598 | 0.0 | 1.903 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.1 | 0.0 |
| 149 | 7674 | 7675 | SN | 1 | 0.0 | 25.656 | 10.503 | 0.0 | 28.248 | 10.318 | 0.0 | 172.575 | 5.023 | 0.0 | 66.925 | 5.535 | 0.0 | 1.9 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.1 | 0.0 |
| 150 | 7674 | 7675 | NS | 1 | 0.0 | 26.919 | 8.587 | 0.0 | 27.012 | 8.542 | 0.0 | 355.362 | 2.762 | 0.0 | 26.693 | 2.299 | 0.0 | 1.9 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.03 | 0.0 |
| 151 | 7674 | 7675 | SN | 1 | 0.0 | 31.573 | 16.499 | 0.0 | 25.965 | 13.831 | 0.0 | 164.137 | 13.667 | 0.0 | 144.319 | 13.923 | 0.0 | 1.918 | 0.0 | 0.0 | 1.967 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.1 | 0.0 |
| 152 | 7674 | 7675 | NS | 1 | 0.0 | 25.915 | 14.916 | 0.0 | 32.362 | 15.545 | 0.0 | 357.441 | 10.814 | 0.0 | 35.693 | 10.86 | 0.0 | 1.923 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.058 | 0.0 | 0.0 | 2.032 | 0.0 |
| 153 | 7674 | 7675 | NS | 1 | 0.0 | 25.915 | 14.916 | 0.0 | 32.362 | 15.545 | 0.0 | 357.441 | 10.814 | 0.0 | 35.693 | 10.86 | 0.0 | 1.923 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.058 | 0.0 | 0.0 | 2.032 | 0.0 |
| 154 | 7674 | 7675 | NS | 1 | 0.0 | 26.919 | 8.587 | 0.0 | 27.012 | 8.542 | 0.0 | 355.362 | 2.762 | 0.0 | 26.693 | 2.299 | 0.0 | 1.9 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.03 | 0.0 |
| 155 | 7674 | 7675 | SN | 1 | 0.0 | 31.573 | 16.592 | 0.0 | 24.178 | 12.869 | 0.0 | 164.137 | 13.814 | 0.0 | 15.977 | 12.883 | 0.0 | 1.918 | 0.0 | 0.0 | 1.967 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.1 | 0.0 |
| 156 | 7674 | 7675 | SN | 1 | 0.0 | 25.656 | 10.503 | 0.0 | 28.248 | 10.318 | 0.0 | 172.575 | 5.023 | 0.0 | 66.925 | 5.535 | 0.0 | 1.9 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.1 | 0.0 |
| 157 | 7674 | 7675 | SN | 1 | 0.0 | 31.573 | 16.499 | 0.0 | 25.965 | 13.831 | 0.0 | 164.137 | 13.667 | 0.0 | 144.319 | 13.923 | 0.0 | 1.918 | 0.0 | 0.0 | 1.967 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.1 | 0.0 |
| 158 | 7674 | 7675 | SN | 1 | 0.0 | 25.656 | 10.589 | 0.0 | 28.248 | 10.17 | 0.0 | 172.575 | 5.127 | 0.0 | 15.734 | 5.261 | 0.0 | 1.9 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.1 | 0.0 |
| 159 | 7675 | 7676 | NS | 1 | 0.0 | 25.909 | 14.916 | 0.0 | 32.384 | 15.453 | 0.0 | 358.246 | 10.814 | 0.0 | 47.892 | 10.832 | 0.0 | 1.921 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.059 | 0.0 | 0.0 | 2.032 | 0.0 |
| 160 | 7675 | 7676 | SN | 1 | 0.0 | 25.645 | 10.532 | 0.0 | 28.259 | 10.059 | 0.0 | 171.759 | 5.07 | 0.0 | 15.707 | 5.166 | 0.0 | 1.899 | 0.0 | 0.0 | 2.001 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.1 | 0.0 |
| 161 | 7675 | 7676 | NS | 1 | 0.0 | 26.919 | 8.557 | 0.0 | 25.722 | 8.522 | 0.0 | 355.61 | 2.757 | 0.0 | 32.616 | 2.307 | 0.0 | 1.906 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.03 | 0.0 |
| 162 | 7675 | 7676 | SN | 1 | 0.0 | 25.645 | 10.542 | 0.0 | 28.259 | 10.059 | 0.0 | 171.792 | 5.071 | 0.0 | 15.707 | 5.172 | 0.0 | 1.899 | 0.0 | 0.0 | 2.001 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.1 | 0.0 |
| 163 | 7675 | 7676 | SN | 1 | 0.0 | 25.645 | 10.441 | 0.0 | 28.259 | 10.251 | 0.0 | 171.792 | 4.935 | 0.0 | 66.516 | 5.482 | 0.0 | 1.899 | 0.0 | 0.0 | 2.001 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.1 | 0.0 |
| 164 | 7675 | 7676 | SN | 1 | 0.0 | 31.678 | 16.419 | 0.0 | 25.965 | 13.713 | 0.0 | 165.207 | 13.662 | 0.0 | 44.247 | 13.781 | 0.0 | 1.915 | 0.0 | 0.0 | 1.966 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.101 | 0.0 |
| 165 | 7675 | 7676 | NS | 1 | 0.0 | 25.909 | 14.921 | 0.0 | 32.384 | 15.439 | 0.0 | 357.744 | 10.824 | 0.0 | 45.763 | 10.734 | 0.0 | 1.906 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.058 | 0.0 | 0.0 | 2.031 | 0.0 |
| 166 | 7675 | 7676 | NS | 1 | 0.0 | 26.93 | 8.572 | 0.0 | 25.727 | 8.521 | 0.0 | 355.61 | 2.755 | 0.0 | 40.535 | 2.312 | 0.0 | 1.905 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.03 | 0.0 |
| 167 | 7675 | 7676 | SN | 1 | 0.0 | 31.673 | 16.54 | 0.0 | 24.101 | 12.601 | 0.0 | 165.169 | 13.871 | 0.0 | 15.977 | 12.51 | 0.0 | 1.915 | 0.0 | 0.0 | 1.966 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.101 | 0.0 |
| 168 | 7675 | 7676 | SN | 1 | 0.0 | 31.678 | 16.54 | 0.0 | 24.101 | 12.601 | 0.0 | 165.207 | 13.871 | 0.0 | 15.977 | 12.51 | 0.0 | 1.915 | 0.0 | 0.0 | 1.966 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.101 | 0.0 |
| 169 | 7676 | 7677 | NS | 1 | 0.0 | 26.924 | 8.558 | 0.0 | 27.007 | 8.49 | 0.0 | 137.861 | 2.719 | 0.0 | 33.084 | 2.263 | 0.0 | 1.91 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.03 | 0.0 |
| 170 | 7676 | 7677 | SN | 1 | 0.0 | 31.48 | 16.601 | 0.0 | 24.101 | 12.528 | 0.0 | 160.63 | 13.971 | 0.0 | 15.944 | 12.589 | 0.0 | 1.916 | 0.0 | 0.0 | 1.972 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0 | 2.099 | 0.0 |
| 171 | 7676 | 7677 | NS | 1 | 0.0 | 25.915 | 14.932 | 0.0 | 32.412 | 15.398 | 0.0 | 356.592 | 10.771 | 0.0 | 46.287 | 10.734 | 0.0 | 1.919 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.057 | 0.0 | 0.0 | 2.032 | 0.0 |
| 172 | 7676 | 7677 | SN | 1 | 0.0 | 25.645 | 10.63 | 0.0 | 28.248 | 10.107 | 0.0 | 164.584 | 5.306 | 0.0 | 15.712 | 5.366 | 0.0 | 1.899 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.099 | 0.0 |

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