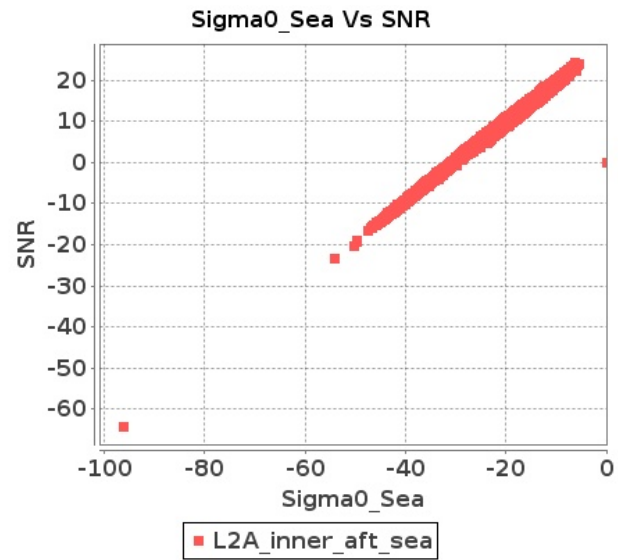


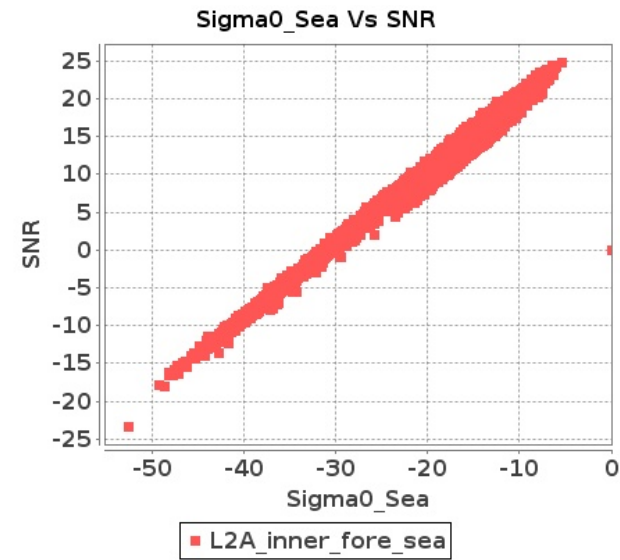
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 01-JUN-2018 To 02-JUN-2018

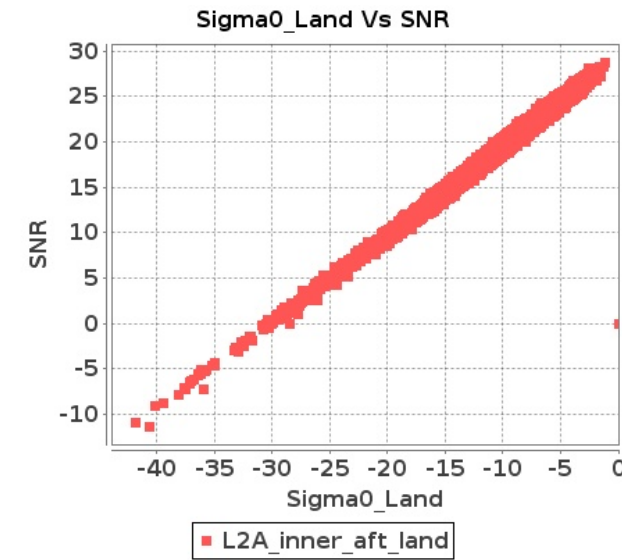
Inner Sea Aft Sigma0VsSNR



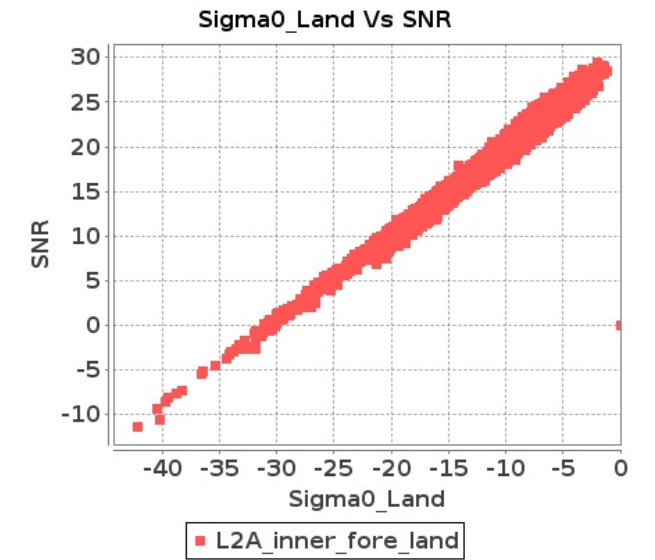
Inner Sea Fore Sigma0VsSNR



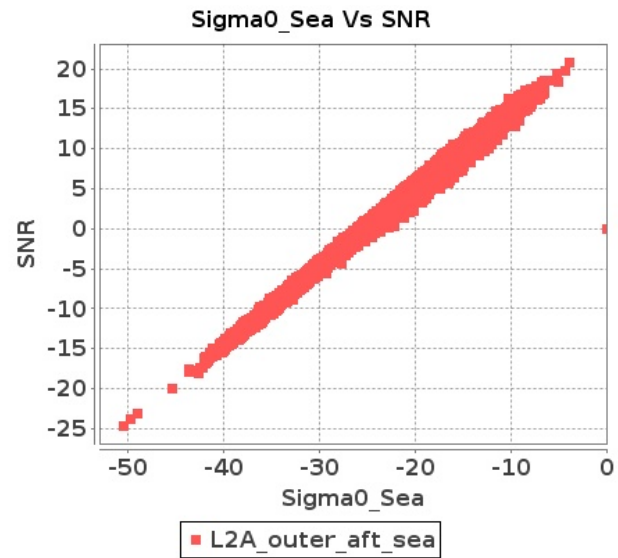
Inner Land Aft Sigma0VsSNR



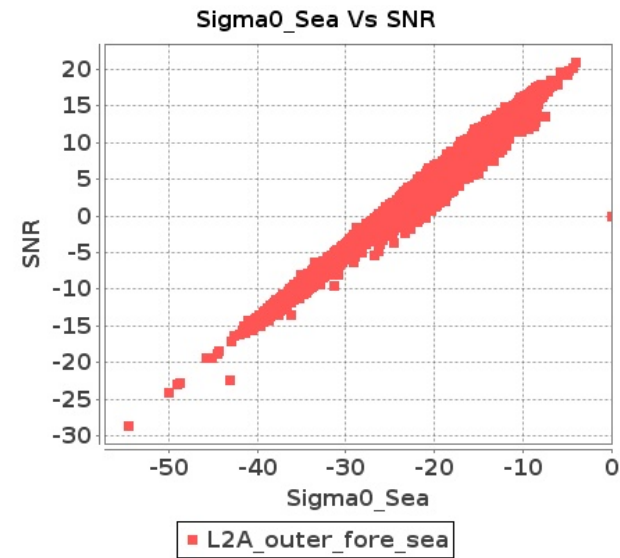
Inner Land Fore Sigma0VsSNR



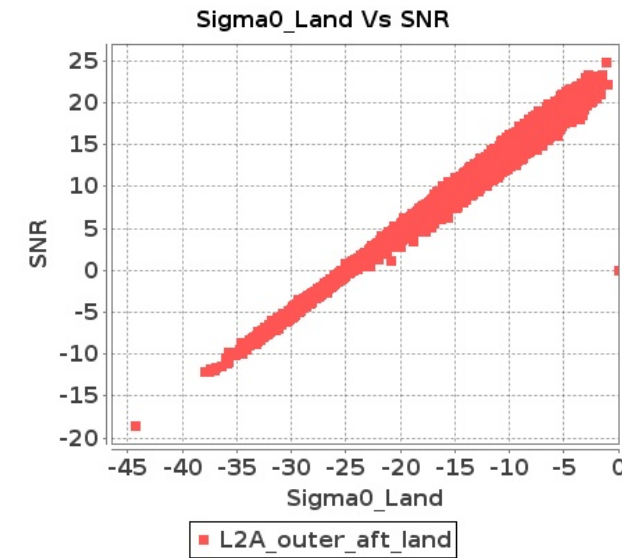
Outer Sea Aft Sigma0VsSNR



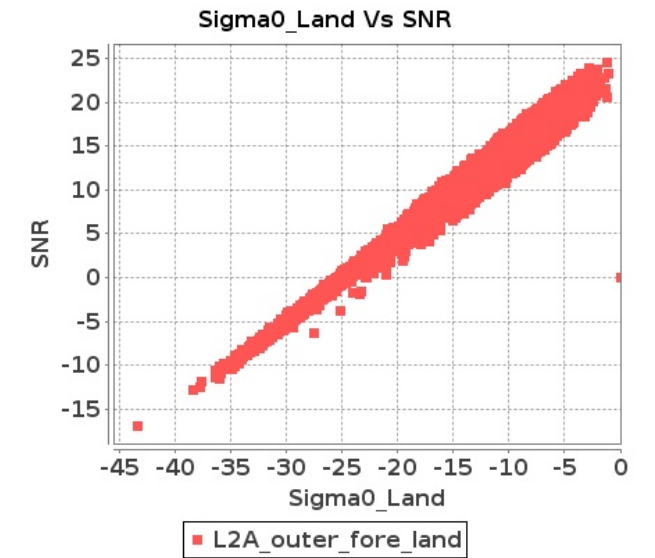
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 01-JUN-2018 To 02-JUN-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 | 8885 | 8886 | SN | 1 | 0.0 | 51.515 | 2.886 | 0.0 | 49.021 | 3.628 | 0.0 | 48.107 | 2.861 | 0.0 | 43.927 | 3.848 | 0.0 | 51.148 | 2.865 | 0.0 | 50.046 | 3.437 | 0.0 | 45.249 | 2.787 | 0.0 | 44.951 | 3.286 |
| 2 | 8885 | 8886 | SN | 1 | 0.0 | 48.593 | 0.968 | 0.0 | 51.794 | 1.233 | 0.0 | 40.784 | 0.773 | 0.0 | 39.397 | 1.2 | 0.0 | 48.53 | 0.954 | 0.0 | 49.186 | 1.192 | 0.0 | 41.301 | 0.762 | 0.0 | 39.448 | 1.056 |
| 3 | 8885 | 8886 | SN | 1 | 0.0 | 48.593 | 0.937 | 0.0 | 51.794 | 1.19 | 0.0 | 40.689 | 0.782 | 0.0 | 39.391 | 1.161 | 0.0 | 48.53 | 0.915 | 0.0 | 49.186 | 1.126 | 0.0 | 41.207 | 0.759 | 0.0 | 39.448 | 1.029 |
| 4 | 8885 | 8886 | SN | 1 | 0.0 | 51.515 | 2.745 | 0.0 | 49.021 | 3.463 | 0.0 | 48.107 | 2.921 | 0.0 | 43.927 | 3.634 | 0.0 | 51.148 | 2.745 | 0.0 | 50.046 | 3.281 | 0.0 | 45.249 | 2.808 | 0.0 | 44.951 | 3.113 |
| 5 | 8885 | 8886 | SN | 1 | 0.0 | 51.515 | 2.745 | 0.0 | 49.021 | 3.463 | 0.0 | 48.107 | 2.921 | 0.0 | 43.927 | 3.634 | 0.0 | 51.148 | 2.745 | 0.0 | 50.046 | 3.281 | 0.0 | 45.249 | 2.808 | 0.0 | 44.951 | 3.113 |
| 6 | 8885 | 8886 | SN | 1 | 0.0 | 48.593 | 0.937 | 0.0 | 51.794 | 1.19 | 0.0 | 40.689 | 0.782 | 0.0 | 39.391 | 1.161 | 0.0 | 48.53 | 0.915 | 0.0 | 49.186 | 1.126 | 0.0 | 41.207 | 0.759 | 0.0 | 39.448 | 1.029 |
| 7 | 8886 | 8887 | SN | 1 | 0.0 | 40.468 | 0.754 | 0.0 | 43.183 | 1.126 | 0.0 | 38.836 | 0.799 | 0.0 | 38.919 | 1.038 | 0.0 | 39.714 | 0.736 | 0.0 | 41.728 | 1.073 | 0.0 | 39.919 | 0.768 | 0.0 | 36.937 | 0.935 |
| 8 | 8886 | 8887 | SN | 1 | 0.0 | 39.707 | 0.747 | 0.0 | 44.459 | 1.109 | 0.0 | 38.573 | 0.8 | 0.0 | 39.281 | 1.026 | 0.0 | 39.73 | 0.736 | 0.0 | 46.202 | 1.059 | 0.0 | 39.656 | 0.77 | 0.0 | 37.02 | 0.931 |
| 9 | 8886 | 8887 | NS | 1 | 0.0 | 49.687 | 6.089 | 0.0 | 47.383 | 7.599 | 0.0 | 49.974 | 5.184 | 0.0 | 47.423 | 6.599 | 0.0 | 51.43 | 6.079 | 0.0 | 46.888 | 7.266 | 0.0 | 50.401 | 4.993 | 0.0 | 45.783 | 6.266 |
| 10 | 8886 | 8887 | SN | 1 | 0.0 | 43.509 | 2.926 | 0.0 | 42.57 | 3.615 | 0.0 | 43.827 | 2.835 | 0.0 | 44.88 | 3.35 | 0.0 | 46.189 | 2.946 | 0.0 | 43.692 | 3.484 | 0.0 | 45.484 | 2.736 | 0.0 | 47.615 | 3.172 |
| 11 | 8886 | 8887 | NS | 1 | 0.0 | 46.105 | 1.764 | 0.0 | 53.427 | 2.292 | 0.0 | 48.288 | 1.602 | 0.0 | 41.874 | 1.956 | 0.0 | 45.322 | 1.746 | 0.0 | 54.381 | 2.085 | 0.0 | 48.268 | 1.572 | 0.0 | 43.024 | 1.774 |
| 12 | 8886 | 8887 | SN | 1 | 0.015 | 43.509 | 2.962 | 0.0 | 42.57 | 3.662 | 0.0 | 43.827 | 2.871 | 0.0 | 44.88 | 3.394 | 0.019 | 46.189 | 2.982 | 0.0 | 43.692 | 3.529 | 0.0 | 45.484 | 2.77 | 0.0 | 47.615 | 3.213 |
| 13 | 8886 | 8887 | SN | 1 | 0.0 | 43.932 | 2.916 | 0.0 | 46.603 | 3.646 | 0.0 | 44.434 | 2.849 | 0.0 | 44.292 | 3.293 | 0.0 | 46.611 | 2.896 | 0.0 | 45.48 | 3.474 | 0.0 | 46.092 | 2.793 | 0.0 | 47.462 | 3.115 |
| 14 | 8886 | 8887 | SN | 1 | 0.0 | 40.468 | 0.745 | 0.0 | 43.183 | 1.113 | 0.0 | 38.836 | 0.789 | 0.0 | 38.919 | 1.026 | 0.0 | 39.714 | 0.727 | 0.0 | 41.728 | 1.061 | 0.0 | 39.919 | 0.759 | 0.0 | 36.937 | 0.924 |
| 15 | 8887 | 8888 | SN | 1 | 0.0 | 36.814 | 0.787 | 0.0 | 41.129 | 1.057 | 0.0 | 37.977 | 0.985 | 0.0 | 40.446 | 1.529 | 0.0 | 37.064 | 0.83 | 0.0 | 39.931 | 0.933 | 0.0 | 38.018 | 0.956 | 0.0 | 39.853 | 1.29 |
| 16 | 8887 | 8888 | SN | 1 | 0.0 | 38.096 | 0.8 | 0.0 | 41.209 | 1.097 | 0.0 | 37.656 | 0.987 | 0.0 | 37.256 | 1.54 | 0.0 | 38.008 | 0.825 | 0.0 | 40.01 | 0.989 | 0.0 | 35.458 | 0.96 | 0.0 | 35.191 | 1.332 |
| 17 | 8887 | 8888 | SN | 1 | 0.0 | 46.337 | 2.833 | 0.0 | 54.046 | 3.5 | 0.0 | 41.141 | 3.086 | 0.0 | 46.263 | 4.476 | 0.0 | 47.865 | 2.945 | 0.0 | 53.483 | 3.367 | 0.0 | 42.464 | 3.129 | 0.0 | 46.037 | 4.014 |
| 18 | 8887 | 8888 | SN | 1 | 0.0 | 51.022 | 2.833 | 0.0 | 54.326 | 3.51 | 0.0 | 42.824 | 3.086 | 0.0 | 46.077 | 4.454 | 0.0 | 51.537 | 2.915 | 0.0 | 53.763 | 3.398 | 0.0 | 42.558 | 3.129 | 0.0 | 45.853 | 4.064 |
| 19 | 8887 | 8888 | NS | 1 | 0.0 | 49.56 | 0.794 | 0.0 | 41.381 | 1.2 | 0.0 | 42.773 | 0.949 | 0.0 | 43.304 | 1.573 | 0.0 | 50.003 | 0.796 | 0.0 | 43.582 | 1.088 | 0.0 | 40.592 | 0.864 | 0.0 | 42.966 | 1.29 |
| 20 | 8887 | 8888 | NS | 1 | 0.0 | 41.189 | 0.74 | 0.0 | 37.606 | 1.119 | 0.0 | 39.608 | 0.951 | 0.0 | 37.736 | 1.534 | 0.0 | 41.796 | 0.715 | 0.0 | 36.745 | 0.991 | 0.0 | 41.125 | 0.861 | 0.0 | 37.565 | 1.281 |
| 21 | 8887 | 8888 | SN | 1 | 0.0 | 36.814 | 0.783 | 0.0 | 41.129 | 1.047 | 0.0 | 37.977 | 0.973 | 0.0 | 40.446 | 1.521 | 0.0 | 37.064 | 0.824 | 0.0 | 39.931 | 0.925 | 0.0 | 38.018 | 0.945 | 0.0 | 39.853 | 1.279 |
| 22 | 8887 | 8888 | SN | 1 | 0.0 | 51.022 | 2.805 | 0.0 | 54.326 | 3.474 | 0.0 | 42.813 | 3.055 | 0.0 | 46.077 | 4.429 | 0.0 | 51.537 | 2.885 | 0.0 | 53.763 | 3.363 | 0.0 | 42.558 | 3.097 | 0.0 | 45.853 | 4.029 |
| 23 | 8887 | 8888 | NS | 1 | 0.0 | 41.399 | 2.726 | 0.0 | 43.056 | 3.824 | 0.0 | 40.417 | 2.961 | 0.0 | 43.695 | 4.392 | 0.0 | 39.274 | 2.686 | 0.0 | 44.108 | 3.552 | 0.0 | 39.571 | 2.741 | 0.0 | 43.359 | 4.023 |
| 24 | 8887 | 8888 | NS | 1 | 0.0 | 50.516 | 2.726 | 0.0 | 44.97 | 3.854 | 0.0 | 41.494 | 3.11 | 0.0 | 44.954 | 4.5 | 0.0 | 50.627 | 2.796 | 0.0 | 42.856 | 3.42 | 0.0 | 38.635 | 3.103 | 0.0 | 43.435 | 3.946 |
| 25 | 8888 | 8889 | SN | 1 | 0.0 | 53.591 | 4.853 | 0.0 | 51.874 | 4.987 | 0.0 | 42.324 | 4.204 | 0.0 | 40.302 | 5.132 | 0.0 | 54.598 | 4.903 | 0.0 | 50.907 | 5.028 | 0.0 | 41.01 | 4.439 | 0.0 | 40.257 | 4.983 |
| 26 | 8888 | 8889 | SN | 1 | 0.0 | 53.591 | 4.853 | 0.0 | 51.874 | 4.987 | 0.0 | 42.324 | 4.204 | 0.0 | 40.302 | 5.132 | 0.0 | 54.598 | 4.903 | 0.0 | 50.907 | 5.028 | 0.0 | 41.01 | 4.439 | 0.0 | 40.257 | 4.983 |
| 27 | 8888 | 8889 | NS | 1 | 0.0 | 47.157 | 0.9 | 0.0 | 50.123 | 1.025 | 0.0 | 44.699 | 0.886 | 0.0 | 41.467 | 1.278 | 0.0 | 47.514 | 0.9 | 0.0 | 47.856 | 0.959 | 0.0 | 45.307 | 0.787 | 0.0 | 38.436 | 1.006 |
| 28 | 8888 | 8889 | NS | 1 | 0.0 | 47.157 | 0.9 | 0.0 | 50.123 | 1.027 | 0.0 | 44.699 | 0.888 | 0.0 | 41.467 | 1.278 | 0.0 | 47.514 | 0.9 | 0.0 | 47.856 | 0.959 | 0.0 | 45.307 | 0.789 | 0.0 | 38.436 | 1.004 |
| 29 | 8888 | 8889 | SN | 1 | 0.0 | 47.612 | 4.894 | 0.0 | 51.874 | 4.982 | 0.0 | 44.247 | 4.228 | 0.0 | 40.302 | 5.155 | 0.0 | 47.147 | 4.945 | 0.0 | 50.907 | 5.023 | 0.0 | 46.05 | 4.502 | 0.0 | 40.257 | 5.017 |
| 30 | 8888 | 8889 | NS | 1 | 0.0 | 45.213 | 2.474 | 0.0 | 51.36 | 3.471 | 0.0 | 45.616 | 2.785 | 0.0 | 45.196 | 3.712 | 0.0 | 46.296 | 2.515 | 0.0 | 52.674 | 3.238 | 0.0 | 47.37 | 2.714 | 0.0 | 43.832 | 3.123 |
| 31 | 8888 | 8889 | NS | 1 | 0.0 | 45.213 | 2.474 | 0.0 | 51.36 | 3.471 | 0.0 | 45.616 | 2.792 | 0.0 | 45.196 | 3.712 | 0.0 | 46.296 | 2.515 | 0.0 | 52.674 | 3.238 | 0.0 | 47.37 | 2.714 | 0.0 | 43.832 | 3.123 |

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

Normal

Deviations

Alarming

High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|
| 32 | 8888 | 8889 | SN | 1 | 0.0 | 44.357 | 1.263 | 0.0 | 40.791 | 1.403 | 0.0 | 38.166 | 1.406 | 0.0 | 39.022 | 1.846 | 0.0 | 44.171 | 1.283 | 0.0 | 41.969 | 1.39 | 0.0 | 37.455 | 1.444 | 0.0 | 40.236 | 1.694 |
| 33 | 8888 | 8889 | SN | 1 | 0.0 | 45.395 | 1.214 | 0.0 | 40.791 | 1.405 | 0.0 | 38.166 | 1.403 | 0.0 | 39.022 | 1.826 | 0.0 | 45.92 | 1.246 | 0.0 | 41.969 | 1.387 | 0.0 | 37.957 | 1.419 | 0.0 | 37.966 | 1.677 |
| 34 | 8888 | 8889 | SN | 1 | 0.0 | 45.395 | 1.214 | 0.0 | 40.791 | 1.405 | 0.0 | 38.166 | 1.403 | 0.0 | 39.022 | 1.826 | 0.0 | 45.92 | 1.246 | 0.0 | 41.969 | 1.387 | 0.0 | 37.957 | 1.419 | 0.0 | 37.966 | 1.677 |
| 35 | 8889 | 8890 | SN | 1 | 0.0 | 45.445 | 3.899 | 0.0 | 41.935 | 5.127 | 0.0 | 41.464 | 4.538 | 0.0 | 40.36 | 6.017 | 0.0 | 45.212 | 4.09 | 0.0 | 41.733 | 4.845 | 0.0 | 40.762 | 4.737 | 0.0 | 41.24 | 5.632 |
| 36 | 8889 | 8890 | SN | 1 | 0.0 | 45.375 | 3.873 | 0.0 | 47.391 | 5.17 | 0.0 | 40.126 | 4.682 | 0.0 | 45.426 | 6.06 | 0.0 | 45.142 | 4.048 | 0.0 | 47.919 | 4.921 | 0.0 | 40.023 | 4.901 | 0.0 | 41.697 | 5.751 |
| 37 | 8889 | 8890 | SN | 1 | 0.0 | 45.375 | 3.919 | 0.0 | 41.935 | 5.026 | 0.0 | 41.585 | 4.581 | 0.0 | 40.36 | 6.003 | 0.0 | 45.142 | 4.08 | 0.0 | 41.733 | 4.794 | 0.0 | 40.675 | 4.815 | 0.0 | 41.22 | 5.653 |
| 38 | 8889 | 8890 | NS | 1 | 0.0 | 50.966 | 2.555 | 0.0 | 53.396 | 3.047 | 0.0 | 47.691 | 2.444 | 0.0 | 47.604 | 3.18 | 0.0 | 52.1 | 2.535 | 0.0 | 52.964 | 2.875 | 0.0 | 46.684 | 2.295 | 0.0 | 47.124 | 2.669 |
| 39 | 8889 | 8890 | NS | 1 | 0.0 | 48.594 | 2.484 | 0.0 | 47.972 | 3.008 | 0.0 | 48.713 | 2.557 | 0.0 | 50.592 | 3.082 | 0.0 | 49.244 | 2.595 | 0.0 | 48.553 | 2.917 | 0.0 | 44.814 | 2.415 | 0.0 | 49.669 | 2.72 |
| 40 | 8889 | 8890 | SN | 1 | 0.0 | 44.413 | 1.255 | 0.0 | 40.316 | 1.904 | 0.0 | 38.66 | 1.455 | 0.0 | 41.279 | 2.162 | 0.0 | 45.539 | 1.253 | 0.0 | 40.838 | 1.825 | 0.0 | 36.245 | 1.501 | 0.0 | 40.623 | 1.963 |
| 41 | 8889 | 8890 | SN | 1 | 0.0 | 42.917 | 1.241 | 0.0 | 39.433 | 1.844 | 0.0 | 37.47 | 1.474 | 0.0 | 41.279 | 2.124 | 0.0 | 44.042 | 1.221 | 0.0 | 41.306 | 1.754 | 0.0 | 36.863 | 1.491 | 0.0 | 40.623 | 1.912 |
| 42 | 8889 | 8890 | SN | 1 | 0.0 | 42.937 | 1.252 | 0.0 | 40.029 | 1.84 | 0.0 | 37.47 | 1.481 | 0.0 | 40.966 | 2.132 | 0.0 | 44.063 | 1.232 | 0.0 | 41.306 | 1.772 | 0.0 | 36.742 | 1.495 | 0.0 | 40.311 | 1.913 |
| 43 | 8889 | 8890 | NS | 1 | 0.0 | 54.114 | 0.751 | 0.0 | 47.957 | 0.961 | 0.0 | 42.516 | 0.649 | 0.0 | 47.083 | 0.801 | 0.0 | 53.019 | 0.749 | 0.0 | 44.228 | 0.88 | 0.0 | 41.867 | 0.606 | 0.0 | 43.867 | 0.704 |
| 44 | 8889 | 8890 | NS | 1 | 0.0 | 41.342 | 0.704 | 0.0 | 51.438 | 0.842 | 0.0 | 45.813 | 0.615 | 0.0 | 42.013 | 0.78 | 0.0 | 42.701 | 0.715 | 0.0 | 48.94 | 0.795 | 0.0 | 45.663 | 0.579 | 0.0 | 43.793 | 0.668 |
| 45 | 8890 | 8891 | SN | 1 | 0.0 | 39.449 | 1.089 | 0.0 | 49.654 | 1.658 | 0.0 | 43.075 | 1.31 | 0.0 | 39.371 | 2.076 | 0.0 | 39.919 | 1.068 | 0.0 | 47.404 | 1.513 | 0.0 | 42.188 | 1.244 | 0.0 | 36.534 | 1.808 |
| 46 | 8890 | 8891 | SN | 1 | 0.0 | 39.605 | 1.077 | 0.0 | 49.654 | 1.602 | 0.0 | 43.075 | 1.279 | 0.0 | 39.605 | 2.022 | 0.0 | 40.487 | 1.056 | 0.0 | 47.404 | 1.452 | 0.0 | 42.188 | 1.228 | 0.0 | 38.128 | 1.743 |
| 47 | 8890 | 8891 | SN | 1 | 0.0 | 39.605 | 1.074 | 0.0 | 49.653 | 1.6 | 0.0 | 43.075 | 1.293 | 0.0 | 39.371 | 2.038 | 0.0 | 40.487 | 1.065 | 0.0 | 47.404 | 1.47 | 0.0 | 42.189 | 1.247 | 0.0 | 36.719 | 1.75 |
| 48 | 8890 | 8891 | SN | 1 | 0.0 | 42.64 | 4.5 | 0.0 | 47.394 | 5.866 | 0.0 | 45.734 | 3.889 | 0.0 | 44.049 | 5.71 | 0.0 | 43.573 | 4.479 | 0.0 | 47.83 | 5.539 | 0.0 | 47.118 | 3.792 | 0.0 | 43.165 | 5.068 |
| 49 | 8890 | 8891 | NS | 1 | 0.0 | 45.776 | 1.498 | 0.0 | 51.631 | 1.66 | 0.0 | 38.585 | 1.287 | 0.0 | 45.313 | 1.621 | 0.0 | 46.509 | 1.464 | 0.0 | 48.202 | 1.529 | 0.0 | 41.346 | 1.218 | 0.0 | 44.225 | 1.296 |
| 50 | 8890 | 8891 | SN | 1 | 0.0 | 45.231 | 4.303 | 0.0 | 47.394 | 5.725 | 0.0 | 41.511 | 3.794 | 0.0 | 44.119 | 5.539 | 0.0 | 46.066 | 4.363 | 0.0 | 47.83 | 5.422 | 0.0 | 39.599 | 3.759 | 0.0 | 45.696 | 4.932 |
| 51 | 8890 | 8891 | NS | 1 | 0.0 | 49.518 | 5.473 | 0.0 | 51.116 | 6.016 | 0.0 | 43.483 | 4.964 | 0.0 | 53.124 | 5.73 | 0.0 | 48.843 | 5.534 | 0.0 | 50.381 | 5.895 | 0.0 | 43.616 | 4.63 | 0.0 | 50.883 | 4.864 |
| 52 | 8890 | 8891 | NS | 1 | 0.0 | 57.056 | 5.574 | 0.0 | 51.116 | 5.962 | 0.0 | 46.777 | 4.647 | 0.0 | 50.233 | 5.806 | 0.0 | 57.531 | 5.584 | 0.0 | 50.208 | 5.68 | 0.0 | 47.864 | 4.504 | 0.0 | 48.851 | 4.862 |
| 53 | 8890 | 8891 | SN | 1 | 0.0 | 45.032 | 4.263 | 0.0 | 47.394 | 5.715 | 0.0 | 41.339 | 3.858 | 0.0 | 44.008 | 5.553 | 0.0 | 46.045 | 4.383 | 0.0 | 47.83 | 5.402 | 0.0 | 39.599 | 3.773 | 0.0 | 45.584 | 4.932 |
| 54 | 8890 | 8891 | NS | 1 | 0.0 | 48.3 | 1.484 | 0.0 | 49.892 | 1.746 | 0.0 | 48.766 | 1.274 | 0.0 | 43.198 | 1.651 | 0.0 | 49.456 | 1.464 | 0.0 | 47.045 | 1.599 | 0.0 | 47.362 | 1.15 | 0.0 | 39.699 | 1.284 |
| 55 | 8891 | 8892 | SN | 1 | 0.0 | 48.469 | 2.246 | 0.0 | 49.957 | 3.111 | 0.0 | 43.59 | 2.06 | 0.0 | 41.223 | 2.644 | 0.0 | 47.958 | 2.258 | 0.0 | 49.734 | 2.903 | 0.0 | 43.319 | 2.026 | 0.0 | 40.283 | 2.512 |
| 56 | 8891 | 8892 | SN | 1 | 0.0 | 54.756 | 7.957 | 0.0 | 55.48 | 9.854 | 0.0 | 45.001 | 7.079 | 0.0 | 48.704 | 8.104 | 0.0 | 54.163 | 8.148 | 0.0 | 55.73 | 9.621 | 0.0 | 44.691 | 7.001 | 0.0 | 48.469 | 8.054 |
| 57 | 8891 | 8892 | SN | 1 | 0.0 | 52.488 | 7.807 | 0.0 | 55.011 | 9.854 | 0.0 | 46.631 | 7.164 | 0.0 | 49.283 | 8.182 | 0.0 | 51.896 | 8.038 | 0.0 | 53.606 | 9.621 | 0.0 | 47.304 | 7.129 | 0.0 | 50.917 | 8.039 |
| 58 | 8891 | 8892 | SN | 1 | 0.0 | 48.469 | 2.144 | 0.0 | 59.84 | 2.951 | 0.0 | 45.193 | 1.954 | 0.0 | 41.223 | 2.576 | 0.0 | 47.958 | 2.162 | 0.0 | 57.745 | 2.738 | 0.0 | 46.128 | 1.924 | 0.0 | 39.148 | 2.427 |
| 59 | 8891 | 8892 | SN | 1 | 0.0 | 49.382 | 2.198 | 0.0 | 50.005 | 3.003 | 0.0 | 44.693 | 2.033 | 0.0 | 39.247 | 2.471 | 0.0 | 49.313 | 2.207 | 0.0 | 49.077 | 2.783 | 0.0 | 44.343 | 1.998 | 0.0 | 38.932 | 2.364 |
| 60 | 8891 | 8892 | SN | 1 | 0.0 | 52.488 | 8.186 | 0.0 | 55.011 | 10.274 | 0.0 | 47.202 | 7.497 | 0.0 | 48.87 | 8.408 | 0.0 | 51.896 | 8.411 | 0.0 | 53.606 | 10.048 | 0.0 | 47.5 | 7.466 | 0.0 | 48.64 | 8.363 |
| 61 | 8891 | 8892 | NS | 1 | 0.0 | 43.129 | 1.761 | 0.0 | 47.488 | 2.383 | 0.0 | 45.545 | 1.738 | 0.0 | 44.038 | 2.528 | 0.0 | 44.298 | 1.773 | 0.0 | 48.982 | 2.284 | 0.0 | 45.867 | 1.729 | 0.0 | 40.23 | 2.435 |
| 62 | 8891 | 8892 | NS | 1 | 0.0 | 40.774 | 1.779 | 0.0 | 52.052 | 2.454 | 0.0 | 42.985 | 1.755 | 0.0 | 44.447 | 2.453 | 0.0 | 40.88 | 1.799 | 0.0 | 51.794 | 2.352 | 0.0 | 42.453 | 1.729 | 0.0 | 40.11 | 2.354 |
| 63 | 8891 | 8892 | NS | 1 | 0.0 | 50.112 | 6.664 | 0.0 | 48.868 | 8.065 | 0.0 | 46.52 | 6.334 | 0.0 | 47.675 | 7.69 | 0.0 | 50.698 | 6.674 | 0.0 | 49.974 | 7.914 | 0.0 | 45.485 | 6.469 | 0.0 | 48.077 | 7.52 |
| 64 | 8891 | 8892 | NS | 1 | 0.0 | 48.051 | 6.663 | 0.0 | 48.474 | 8.119 | 0.0 | 47.105 | 5.934 | 0.0 | 48.803 | 8.053 | 0.0 | 48.566 | 6.784 | 0.0 | 47.911 | 7.674 | 0.0 | 47.802 | 6.048 | 0.0 | 46.707 | 7.826 |
| 65 | 8892 | 8893 | SN | 1 | 0.0 | 52.335 | 6.285 | 0.0 | 50.202 | 7.784 | 0.0 | 48.409 | 5.088 | 0.0 | 47.462 | 6.319 | 0.0 | 53.244 | 6.185 | 0.0 | 50.399 | 7.259 | 0.0 | 47.948 | 4.868 | 0.0 | 45.681 | 5.712 |
| 66 | 8892 | 8893 | SN | 1 | 0.0 | 52.14 | 1.639 | 0.0 | 48.905 | 2.253 | 0.0 | 44.079 | 1.326 | 0.0 | 47.238 | 1.622 | 0.0 | 52.697 | 1.655 | 0.0 | 49.119 | 2.065 | 0.0 | 45.794 | 1.264 | 0.0 | 43.73 | 1.332 |
| 67 | 8892 | 8893 | SN | 1 | 0.0 | 52.335 | 6.285 | 0.0 | 50.202 | 7.784 | 0.0 | 48.409 | 5.088 | 0.0 | 47.462 | 6.312 | 0.0 | 53.244 | 6.175 | 0.0 | 50.399 | 7.259 | 0.0 | 47.948 | 4.868 | 0.0 | 45.681 | 5.719 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 8892 | 8893 | SN | 1 | 0.0 | 52.14 | 1.639 | 0.0 | 48.905 | 2.253 | 0.0 | 44.079 | 1.322 | 0.0 | 47.238 | 1.62 | 0.0 | 52.697 | 1.653 | 0.0 | 49.119 | 2.065 | 0.0 | 45.794 | 1.264 | 0.0 | 43.73 | 1.328 |
| 69 | 8892 | 8893 | NS | 1 | 0.0 | 41.603 | 3.443 | 0.0 | 49.764 | 4.522 | 0.0 | 46.292 | 3.529 | 0.0 | 46.715 | 5.219 | 0.0 | 41.832 | 3.503 | 0.0 | 48.304 | 4.209 | 0.0 | 46.954 | 3.409 | 0.0 | 46.087 | 4.594 |
| 70 | 8892 | 8893 | SN | 1 | 0.0 | 52.335 | 6.586 | 0.0 | 50.202 | 7.907 | 0.0 | 48.409 | 5.394 | 0.0 | 47.462 | 6.283 | 0.0 | 53.244 | 6.476 | 0.0 | 50.399 | 7.377 | 0.0 | 47.948 | 5.176 | 0.0 | 45.681 | 5.719 |
| 71 | 8892 | 8893 | NS | 1 | 0.0 | 41.947 | 3.453 | 0.0 | 49.803 | 4.532 | 0.0 | 43.935 | 3.487 | 0.0 | 46.715 | 5.226 | 0.0 | 41.832 | 3.473 | 0.0 | 48.304 | 4.209 | 0.0 | 45.417 | 3.281 | 0.0 | 46.087 | 4.63 |
| 72 | 8892 | 8893 | NS | 1 | 0.0 | 39.854 | 0.961 | 0.0 | 42.323 | 1.363 | 0.0 | 35.18 | 1.093 | 0.0 | 47.92 | 1.828 | 0.0 | 41.094 | 0.988 | 0.0 | 41.316 | 1.241 | 0.0 | 34.564 | 1.056 | 0.0 | 43.623 | 1.568 |
| 73 | 8892 | 8893 | NS | 1 | 0.0 | 40.726 | 0.954 | 0.0 | 42.323 | 1.363 | 0.0 | 35.98 | 1.093 | 0.0 | 47.92 | 1.837 | 0.0 | 41.452 | 0.972 | 0.0 | 41.196 | 1.255 | 0.0 | 34.957 | 1.054 | 0.0 | 43.623 | 1.566 |
| 74 | 8892 | 8893 | SN | 1 | 0.0 | 52.14 | 1.722 | 0.0 | 48.905 | 2.324 | 0.0 | 44.079 | 1.4 | 0.0 | 47.238 | 1.619 | 0.0 | 52.697 | 1.752 | 0.0 | 49.119 | 2.131 | 0.0 | 45.794 | 1.338 | 0.0 | 43.73 | 1.357 |
| 75 | 8893 | 8894 | NS | 1 | 0.0 | 51.322 | 5.16 | 0.0 | 49.413 | 6.074 | 0.0 | 43.587 | 4.453 | 0.0 | 45.284 | 5.478 | 0.0 | 51.52 | 5.16 | 0.0 | 48.718 | 6.044 | 0.0 | 41.869 | 4.41 | 0.0 | 45.634 | 5.385 |
| 76 | 8893 | 8894 | SN | 1 | 0.0 | 42.659 | 1.621 | 0.0 | 48.661 | 2.188 | 0.0 | 37.727 | 1.293 | 0.0 | 40.33 | 1.996 | 0.0 | 42.854 | 1.639 | 0.0 | 47.508 | 2.156 | 0.0 | 38.078 | 1.331 | 0.0 | 40.492 | 1.849 |
| 77 | 8893 | 8894 | NS | 1 | 0.0 | 45.202 | 1.322 | 0.0 | 46.181 | 1.977 | 0.0 | 44.111 | 1.129 | 0.0 | 44.639 | 1.827 | 0.0 | 45.209 | 1.317 | 0.0 | 47.815 | 1.9 | 0.0 | 41.447 | 1.102 | 0.0 | 43.539 | 1.73 |
| 78 | 8893 | 8894 | SN | 1 | 0.0 | 49.083 | 6.714 | 0.0 | 48.44 | 8.019 | 0.0 | 49.239 | 4.958 | 0.0 | 46.642 | 7.031 | 0.0 | 49.566 | 6.835 | 0.0 | 48.168 | 7.958 | 0.0 | 49.203 | 4.958 | 0.0 | 44.72 | 6.774 |
| 79 | 8893 | 8894 | NS | 1 | 0.0 | 51.351 | 5.16 | 0.0 | 49.413 | 6.074 | 0.0 | 43.587 | 4.467 | 0.0 | 45.288 | 5.513 | 0.0 | 51.549 | 5.16 | 0.0 | 48.718 | 6.044 | 0.0 | 41.869 | 4.417 | 0.0 | 45.631 | 5.378 |
| 80 | 8893 | 8894 | NS | 1 | 0.0 | 45.202 | 1.319 | 0.0 | 46.181 | 1.974 | 0.0 | 44.111 | 1.127 | 0.0 | 44.639 | 1.829 | 0.0 | 45.207 | 1.329 | 0.0 | 47.815 | 1.891 | 0.0 | 41.447 | 1.106 | 0.0 | 43.536 | 1.727 |
| 81 | 8894 | 8895 | SN | 1 | 0.0 | 50.834 | 3.508 | 0.0 | 52.856 | 4.919 | 0.0 | 47.375 | 2.976 | 0.0 | 41.865 | 4.508 | 0.0 | 50.42 | 3.488 | 0.0 | 53.017 | 4.828 | 0.0 | 45.372 | 2.898 | 0.0 | 40.079 | 4.087 |
| 82 | 8894 | 8895 | NS | 1 | 0.0 | 50.301 | 4.917 | 0.0 | 57.118 | 6.417 | 0.0 | 45.415 | 4.26 | 0.0 | 46.412 | 6.196 | 0.0 | 50.061 | 4.886 | 0.0 | 57.738 | 5.983 | 0.0 | 47.608 | 4.203 | 0.0 | 46.039 | 5.224 |
| 83 | 8894 | 8895 | SN | 1 | 0.0 | 42.496 | 0.813 | 0.0 | 45.216 | 1.353 | 0.0 | 39.0 | 1.005 | 0.0 | 39.775 | 1.594 | 0.0 | 42.458 | 0.824 | 0.0 | 46.615 | 1.301 | 0.0 | 40.199 | 0.923 | 0.0 | 42.102 | 1.371 |
| 84 | 8894 | 8895 | NS | 1 | 0.0 | 46.15 | 1.445 | 0.0 | 55.151 | 1.932 | 0.0 | 47.9 | 1.321 | 0.0 | 48.562 | 2.074 | 0.0 | 46.362 | 1.438 | 0.0 | 56.122 | 1.822 | 0.0 | 46.823 | 1.242 | 0.0 | 45.142 | 1.678 |
| 85 | 8895 | 8896 | NS | 1 | 0.0 | 49.671 | 0.895 | 0.0 | 49.739 | 1.656 | 0.0 | 38.451 | 1.184 | 0.0 | 42.334 | 1.809 | 0.0 | 49.799 | 0.911 | 0.0 | 49.923 | 1.6 | 0.0 | 38.151 | 1.219 | 0.0 | 42.851 | 1.672 |
| 86 | 8895 | 8896 | NS | 1 | 0.0 | 40.517 | 3.327 | 0.0 | 49.326 | 5.335 | 0.0 | 43.758 | 3.34 | 0.0 | 45.943 | 4.958 | 0.0 | 42.735 | 3.388 | 0.0 | 50.954 | 5.224 | 0.0 | 45.291 | 3.469 | 0.0 | 44.764 | 4.48 |
| 87 | 8900 | 8901 | SN | 1 | 0.0 | 47.202 | 1.14 | 0.0 | 50.731 | 1.433 | 0.0 | 43.007 | 0.764 | 0.0 | 46.936 | 1.047 | 0.0 | 48.878 | 1.108 | 0.0 | 48.496 | 1.304 | 0.0 | 43.984 | 0.686 | 0.0 | 47.94 | 0.928 |
| 88 | 8900 | 8901 | NS | 1 | 0.0 | 45.944 | 2.098 | 0.0 | 47.058 | 2.557 | 0.0 | 42.057 | 1.777 | 0.0 | 47.915 | 2.328 | 0.0 | 46.398 | 2.095 | 0.0 | 46.147 | 2.359 | 0.0 | 44.247 | 1.641 | 0.0 | 49.419 | 1.932 |
| 89 | 8900 | 8901 | SN | 1 | 0.0 | 51.094 | 4.654 | 0.0 | 52.535 | 5.989 | 0.0 | 49.897 | 2.891 | 0.0 | 46.636 | 4.073 | 0.0 | 52.802 | 4.764 | 0.0 | 51.122 | 5.696 | 0.0 | 48.396 | 2.863 | 0.0 | 45.589 | 3.537 |
| 90 | 8900 | 8901 | SN | 1 | 0.0 | 51.094 | 4.763 | 0.0 | 52.535 | 6.122 | 0.0 | 49.897 | 2.978 | 0.0 | 46.636 | 4.173 | 0.0 | 52.802 | 4.866 | 0.0 | 51.122 | 5.813 | 0.0 | 48.396 | 2.913 | 0.0 | 45.589 | 3.604 |
| 91 | 8900 | 8901 | SN | 1 | 0.0 | 50.285 | 4.694 | 0.0 | 51.436 | 5.928 | 0.0 | 45.91 | 2.976 | 0.0 | 46.636 | 4.109 | 0.0 | 50.122 | 4.794 | 0.0 | 50.901 | 5.645 | 0.0 | 47.053 | 2.884 | 0.0 | 44.788 | 3.523 |
| 92 | 8900 | 8901 | NS | 1 | 0.0 | 50.225 | 8.401 | 0.0 | 49.855 | 9.674 | 0.0 | 45.995 | 6.335 | 0.0 | 49.38 | 7.769 | 0.0 | 50.299 | 8.461 | 0.0 | 49.991 | 9.119 | 0.0 | 45.587 | 6.079 | 0.0 | 46.974 | 6.868 |
| 93 | 8900 | 8901 | SN | 1 | 0.0 | 48.382 | 1.181 | 0.0 | 55.423 | 1.479 | 0.0 | 43.007 | 0.786 | 0.0 | 46.936 | 1.077 | 0.0 | 47.99 | 1.164 | 0.0 | 56.423 | 1.357 | 0.0 | 43.984 | 0.712 | 0.0 | 47.94 | 0.935 |
| 94 | 8900 | 8901 | SN | 1 | 0.0 | 48.382 | 1.149 | 0.0 | 55.423 | 1.449 | 0.0 | 43.007 | 0.776 | 0.0 | 46.936 | 1.06 | 0.0 | 47.99 | 1.133 | 0.0 | 56.423 | 1.329 | 0.0 | 43.984 | 0.702 | 0.0 | 47.94 | 0.921 |
| 95 | 8901 | 8902 | SN | 1 | 0.0 | 44.632 | 1.151 | 0.0 | 47.593 | 1.507 | 0.0 | 36.692 | 1.112 | 0.0 | 38.508 | 1.607 | 0.0 | 44.429 | 1.197 | 0.0 | 46.411 | 1.489 | 0.0 | 37.282 | 1.103 | 0.0 | 37.186 | 1.549 |
| 96 | 8901 | 8902 | SN | 1 | 0.0 | 54.799 | 4.22 | 0.0 | 54.258 | 4.787 | 0.0 | 41.856 | 3.85 | 0.0 | 42.003 | 4.845 | 0.0 | 56.306 | 4.291 | 0.0 | 55.502 | 4.726 | 0.0 | 40.825 | 3.864 | 0.0 | 40.95 | 4.731 |
| 97 | 8901 | 8902 | NS | 1 | 0.0 | 46.693 | 1.317 | 0.0 | 49.077 | 1.763 | 0.0 | 42.502 | 1.33 | 0.0 | 44.81 | 1.962 | 0.0 | 47.493 | 1.319 | 0.0 | 50.711 | 1.687 | 0.0 | 39.578 | 1.314 | 0.0 | 44.503 | 1.847 |
| 98 | 8901 | 8902 | NS | 1 | 0.0 | 53.69 | 1.27 | 0.0 | 45.537 | 1.79 | 0.0 | 45.282 | 1.272 | 0.0 | 46.356 | 1.935 | 0.0 | 54.319 | 1.275 | 0.0 | 46.189 | 1.756 | 0.0 | 44.542 | 1.249 | 0.0 | 42.536 | 1.727 |
| 99 | 8901 | 8902 | SN | 1 | 0.0 | 54.799 | 4.263 | 0.0 | 54.258 | 4.836 | 0.0 | 41.856 | 3.89 | 0.0 | 42.003 | 4.895 | 0.0 | 56.306 | 4.334 | 0.0 | 55.502 | 4.775 | 0.0 | 40.825 | 3.905 | 0.0 | 40.95 | 4.78 |
| 100 | 8901 | 8902 | NS | 1 | 0.0 | 53.375 | 4.764 | 0.0 | 53.279 | 6.032 | 0.0 | 45.214 | 4.175 | 0.0 | 51.19 | 5.642 | 0.0 | 52.299 | 4.795 | 0.0 | 53.876 | 6.012 | 0.0 | 46.228 | 4.225 | 0.0 | 47.259 | 5.529 |
| 101 | 8901 | 8902 | NS | 1 | 0.0 | 48.503 | 4.493 | 0.0 | 52.68 | 6.345 | 0.0 | 45.435 | 4.205 | 0.0 | 50.047 | 5.839 | 0.0 | 49.207 | 4.503 | 0.0 | 53.773 | 6.265 | 0.0 | 45.34 | 4.212 | 0.0 | 50.197 | 5.442 |
| 102 | 8901 | 8902 | SN | 1 | 0.0 | 44.405 | 1.147 | 0.0 | 47.593 | 1.48 | 0.0 | 36.721 | 1.103 | 0.0 | 38.488 | 1.601 | 0.0 | 44.202 | 1.144 | 0.0 | 46.411 | 1.446 | 0.0 | 37.313 | 1.076 | 0.0 | 38.646 | 1.546 |
| 103 | 8901 | 8902 | SN | 1 | 0.0 | 44.405 | 1.158 | 0.0 | 47.593 | 1.494 | 0.0 | 36.721 | 1.114 | 0.0 | 38.488 | 1.612 | 0.0 | 44.202 | 1.156 | 0.0 | 46.411 | 1.459 | 0.0 | 37.313 | 1.087 | 0.0 | 38.646 | 1.56 |

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

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|-----|------|------|----|---|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 8901 | 8902 | SN | 1 | 0.0 | 55.636 | 4.303 | 0.0 | 54.442 | 4.887 | 0.0 | 42.338 | 3.854 | 0.0 | 41.857 | 4.859 | 0.0 | 57.143 | 4.415 | 0.0 | 55.687 | 4.856 | 0.0 | 42.998 | 3.854 | 0.0 | 40.806 | 4.744 |
| 105 | 8902 | 8903 | SN | 1 | 0.0 | 47.193 | 1.262 | 0.0 | 43.15 | 1.759 | 0.0 | 38.915 | 1.521 | 0.0 | 37.574 | 2.079 | 0.0 | 49.55 | 1.288 | 0.0 | 46.341 | 1.711 | 0.0 | 39.151 | 1.518 | 0.0 | 35.748 | 1.964 |
| 106 | 8902 | 8903 | SN | 1 | 0.0 | 44.779 | 4.838 | 0.0 | 48.322 | 5.79 | 0.0 | 44.513 | 4.982 | 0.0 | 39.224 | 5.842 | 0.0 | 45.71 | 4.97 | 0.0 | 47.689 | 5.657 | 0.0 | 43.88 | 5.054 | 0.0 | 39.688 | 5.791 |
| 107 | 8902 | 8903 | SN | 1 | 0.0 | 43.717 | 4.773 | 0.0 | 48.322 | 5.727 | 0.0 | 44.513 | 4.916 | 0.0 | 39.224 | 5.781 | 0.0 | 44.645 | 4.904 | 0.0 | 47.689 | 5.595 | 0.0 | 43.88 | 4.98 | 0.0 | 39.688 | 5.724 |
| 108 | 8902 | 8903 | SN | 1 | 0.0 | 49.535 | 1.246 | 0.0 | 43.15 | 1.741 | 0.0 | 38.915 | 1.496 | 0.0 | 41.594 | 2.064 | 0.0 | 49.561 | 1.268 | 0.0 | 46.341 | 1.694 | 0.0 | 39.151 | 1.49 | 0.0 | 37.224 | 1.941 |
| 109 | 8902 | 8903 | NS | 1 | 0.0 | 47.459 | 0.887 | 0.0 | 42.835 | 1.146 | 0.0 | 36.775 | 0.976 | 0.0 | 44.54 | 1.371 | 0.0 | 46.993 | 0.882 | 0.0 | 44.04 | 1.002 | 0.0 | 34.687 | 0.902 | 0.0 | 42.175 | 1.03 |
| 110 | 8902 | 8903 | NS | 1 | 0.0 | 48.761 | 3.746 | 0.0 | 48.843 | 3.994 | 0.0 | 46.404 | 2.934 | 0.0 | 40.941 | 4.094 | 0.0 | 50.47 | 3.715 | 0.0 | 46.157 | 3.702 | 0.0 | 45.44 | 2.827 | 0.0 | 40.18 | 3.42 |
| 111 | 8903 | 8904 | SN | 1 | 0.0 | 40.089 | 1.333 | 0.0 | 45.74 | 1.806 | 0.0 | 45.828 | 1.546 | 0.0 | 39.735 | 2.307 | 0.0 | 41.16 | 1.351 | 0.0 | 45.278 | 1.722 | 0.0 | 44.014 | 1.58 | 0.0 | 41.62 | 2.074 |
| 112 | 8903 | 8904 | NS | 1 | 0.0 | 44.136 | 0.907 | 0.0 | 48.972 | 1.182 | 0.0 | 43.038 | 0.746 | 0.0 | 39.445 | 1.039 | 0.0 | 44.537 | 0.923 | 0.0 | 46.867 | 1.056 | 0.0 | 43.882 | 0.663 | 0.0 | 37.243 | 0.847 |
| 113 | 8903 | 8904 | SN | 1 | 0.0 | 48.447 | 5.396 | 0.0 | 49.968 | 6.653 | 0.0 | 40.59 | 4.58 | 0.0 | 45.293 | 6.703 | 0.0 | 49.896 | 5.486 | 0.0 | 49.732 | 6.511 | 0.0 | 40.52 | 4.779 | 0.0 | 47.767 | 6.311 |
| 114 | 8903 | 8904 | SN | 1 | 0.0 | 40.437 | 1.304 | 0.0 | 45.74 | 1.825 | 0.0 | 45.828 | 1.556 | 0.0 | 39.735 | 2.321 | 0.0 | 41.322 | 1.334 | 0.0 | 45.278 | 1.739 | 0.0 | 44.222 | 1.6 | 0.0 | 41.62 | 2.094 |
| 115 | 8903 | 8904 | SN | 1 | 0.0 | 48.447 | 5.362 | 0.0 | 49.968 | 6.656 | 0.0 | 40.59 | 4.664 | 0.0 | 42.671 | 6.713 | 0.0 | 49.896 | 5.372 | 0.0 | 49.732 | 6.511 | 0.0 | 40.52 | 4.932 | 0.0 | 45.144 | 6.297 |
| 116 | 8903 | 8904 | NS | 1 | 0.0 | 47.648 | 3.847 | 0.0 | 54.222 | 4.831 | 0.0 | 45.202 | 3.013 | 0.0 | 55.028 | 3.918 | 0.0 | 48.61 | 3.937 | 0.0 | 56.334 | 4.418 | 0.0 | 45.097 | 2.772 | 0.0 | 49.453 | 3.208 |
| 117 | 8904 | 8905 | NS | 1 | 0.0 | 46.477 | 0.844 | 0.0 | 48.351 | 1.22 | 0.0 | 43.774 | 0.838 | 0.0 | 40.802 | 1.315 | 0.0 | 49.181 | 0.891 | 0.0 | 48.15 | 1.07 | 0.0 | 41.168 | 0.835 | 0.0 | 42.091 | 1.094 |
| 118 | 8904 | 8905 | SN | 1 | 0.0 | 38.593 | 0.615 | 0.0 | 38.653 | 1.001 | 0.0 | 36.413 | 0.826 | 0.0 | 42.541 | 1.317 | 0.0 | 38.703 | 0.612 | 0.0 | 40.854 | 0.904 | 0.0 | 34.166 | 0.745 | 0.0 | 39.071 | 1.048 |
| 119 | 8904 | 8905 | NS | 1 | 0.0 | 48.666 | 3.019 | 0.0 | 50.514 | 4.134 | 0.0 | 44.26 | 3.276 | 0.0 | 49.342 | 4.386 | 0.0 | 48.44 | 2.988 | 0.0 | 49.893 | 3.781 | 0.0 | 45.708 | 3.29 | 0.0 | 49.8 | 3.903 |
| 120 | 8904 | 8905 | SN | 1 | 0.0 | 49.156 | 1.976 | 0.0 | 43.15 | 3.267 | 0.0 | 41.013 | 2.479 | 0.0 | 40.043 | 3.818 | 0.0 | 48.739 | 2.08 | 0.0 | 46.61 | 3.058 | 0.0 | 40.827 | 2.479 | 0.0 | 40.46 | 3.264 |
| 121 | 8904 | 8905 | SN | 1 | 0.0 | 48.896 | 2.15 | 0.0 | 48.785 | 3.19 | 0.0 | 43.525 | 2.492 | 0.0 | 39.63 | 3.776 | 0.0 | 49.985 | 2.251 | 0.0 | 48.173 | 3.018 | 0.0 | 41.751 | 2.499 | 0.0 | 37.957 | 3.22 |
| 122 | 8904 | 8905 | SN | 1 | 0.0 | 45.16 | 0.614 | 0.0 | 37.677 | 0.981 | 0.0 | 36.413 | 0.829 | 0.0 | 42.541 | 1.278 | 0.0 | 44.89 | 0.625 | 0.0 | 39.879 | 0.893 | 0.0 | 34.166 | 0.728 | 0.0 | 39.071 | 1.016 |
| 123 | 8905 | 8906 | SN | 1 | 0.0 | 47.412 | 2.087 | 0.0 | 47.395 | 2.924 | 0.0 | 44.953 | 2.124 | 0.0 | 44.198 | 2.839 | 0.0 | 48.129 | 2.096 | 0.0 | 45.749 | 2.821 | 0.0 | 42.587 | 2.046 | 0.0 | 43.495 | 2.653 |
| 124 | 8905 | 8906 | SN | 1 | 0.0 | 55.823 | 8.357 | 0.0 | 53.113 | 10.387 | 0.0 | 46.964 | 6.772 | 0.0 | 49.0 | 8.504 | 0.0 | 55.253 | 8.315 | 0.0 | 54.326 | 9.951 | 0.0 | 45.828 | 6.877 | 0.0 | 48.598 | 8.195 |
| 125 | 8905 | 8906 | NS | 1 | 0.0 | 49.006 | 5.866 | 0.0 | 53.741 | 7.121 | 0.0 | 49.164 | 5.685 | 0.0 | 50.754 | 7.217 | 0.0 | 49.454 | 5.936 | 0.0 | 53.305 | 6.889 | 0.0 | 47.982 | 5.706 | 0.0 | 49.881 | 7.061 |
| 126 | 8905 | 8906 | NS | 1 | 0.0 | 48.492 | 1.724 | 0.0 | 49.512 | 2.112 | 0.0 | 42.516 | 1.599 | 0.0 | 46.772 | 2.252 | 0.0 | 49.805 | 1.724 | 0.0 | 47.27 | 2.002 | 0.0 | 44.027 | 1.546 | 0.0 | 43.28 | 2.013 |

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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 | 8885 | 8886 | SN | 1 | 0.0 | 30.807 | 12.03 | 0.0 | 25.904 | 12.575 | 0.0 | 72.037 | 8.367 | 0.0 | 20.337 | 9.522 | 0.0 | 1.366 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.105 | 0.0 |
| 2 | 8885 | 8886 | SN | 1 | 0.0 | 23.141 | 5.111 | 0.0 | 25.772 | 5.87 | 0.0 | 108.293 | 1.539 | 0.0 | 12.844 | 2.245 | 0.0 | 1.365 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.103 | 0.0 |
| 3 | 8885 | 8886 | SN | 1 | 0.0 | 23.141 | 5.162 | 0.0 | 25.772 | 6.015 | 0.0 | 108.293 | 1.576 | 0.0 | 47.093 | 2.535 | 0.0 | 1.365 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.112 | 0.0 |
| 4 | 8885 | 8886 | SN | 1 | 0.0 | 30.807 | 12.027 | 0.0 | 25.965 | 13.084 | 0.0 | 72.037 | 8.302 | 0.0 | 61.2 | 10.467 | 0.0 | 1.366 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.112 | 0.0 |
| 5 | 8885 | 8886 | SN | 1 | 0.0 | 30.807 | 12.027 | 0.0 | 25.965 | 13.084 | 0.0 | 72.037 | 8.302 | 0.0 | 61.2 | 10.467 | 0.0 | 1.366 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.112 | 0.0 |
| 6 | 8885 | 8886 | SN | 1 | 0.0 | 23.141 | 5.162 | 0.0 | 25.772 | 6.015 | 0.0 | 108.293 | 1.576 | 0.0 | 47.093 | 2.535 | 0.0 | 1.365 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.112 | 0.0 |
| 7 | 8886 | 8887 | SN | 1 | 0.0 | 23.152 | 5.194 | 0.0 | 25.761 | 5.985 | 0.0 | 130.198 | 1.599 | 0.0 | 241.924 | 2.457 | 0.0 | 1.367 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.112 | 0.0 |
| 8 | 8886 | 8887 | SN | 1 | 0.0 | 23.152 | 5.198 | 0.0 | 25.761 | 6.024 | 0.0 | 130.198 | 1.599 | 0.0 | 241.924 | 2.575 | 0.0 | 1.367 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.114 | 0.0 |
| 9 | 8886 | 8887 | NS | 1 | 0.0 | 270.199 | 10.148 | 0.0 | 31.353 | 15.067 | 0.0 | 355.919 | 12.414 | 0.0 | 66.395 | 13.858 | 0.0 | 1.391 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.193 | 0.0 |
| 10 | 8886 | 8887 | SN | 1 | 0.0 | 30.956 | 11.995 | 0.0 | 25.965 | 13.078 | 0.0 | 130.198 | 8.328 | 0.0 | 100.122 | 10.544 | 0.0 | 1.385 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.112 | 0.0 |
| 11 | 8886 | 8887 | NS | 1 | 0.0 | 140.867 | 7.143 | 0.0 | 25.557 | 8.485 | 0.0 | 238.626 | 4.58 | 0.0 | 129.36 | 5.318 | 0.0 | 1.443 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.196 | 0.0 |
| 12 | 8886 | 8887 | SN | 1 | 0.651 | 30.956 | 11.989 | 0.0 | 25.965 | 12.939 | 0.0 | 130.198 | 8.368 | 0.0 | 100.122 | 10.247 | 0.003 | 1.385 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.108 | 0.0 |
| 13 | 8886 | 8887 | SN | 1 | 0.0 | 30.956 | 11.995 | 0.0 | 25.965 | 13.078 | 0.0 | 130.198 | 8.328 | 0.0 | 100.122 | 10.544 | 0.0 | 1.385 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.112 | 0.0 |
| 14 | 8886 | 8887 | SN | 1 | 0.0 | 23.152 | 5.198 | 0.0 | 25.761 | 6.024 | 0.0 | 130.198 | 1.599 | 0.0 | 241.924 | 2.575 | 0.0 | 1.367 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.114 | 0.0 |
| 15 | 8887 | 8888 | SN | 1 | 0.0 | 23.174 | 5.187 | 0.0 | 25.755 | 6.004 | 0.0 | 82.284 | 1.594 | 0.0 | 16.859 | 2.518 | 0.0 | 1.369 | 0.0 | 0.0 | 1.759 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.112 | 0.0 |
| 16 | 8887 | 8888 | SN | 1 | 0.0 | 23.174 | 5.183 | 0.0 | 25.755 | 6.001 | 0.0 | 82.284 | 1.594 | 0.0 | 16.859 | 2.503 | 0.0 | 1.369 | 0.0 | 0.0 | 1.759 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.112 | 0.0 |
| 17 | 8887 | 8888 | SN | 1 | 0.0 | 30.663 | 12.004 | 0.0 | 25.965 | 13.019 | 0.0 | 68.369 | 8.326 | 0.0 | 23.351 | 10.287 | 0.0 | 1.369 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.11 | 0.0 |
| 18 | 8887 | 8888 | SN | 1 | 0.0 | 30.663 | 12.014 | 0.0 | 25.965 | 13.029 | 0.0 | 68.369 | 8.326 | 0.0 | 23.351 | 10.3 | 0.0 | 1.369 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.11 | 0.0 |
| 19 | 8887 | 8888 | NS | 1 | 0.0 | 25.463 | 7.101 | 0.0 | 25.54 | 8.453 | 0.0 | 351.733 | 4.527 | 0.0 | 112.743 | 5.268 | 0.0 | 1.441 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.196 | 0.0 |
| 20 | 8887 | 8888 | NS | 1 | 0.0 | 101.677 | 7.093 | 0.0 | 25.54 | 8.447 | 0.0 | 353.128 | 4.525 | 0.0 | 132.377 | 5.274 | 0.0 | 1.448 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.196 | 0.0 |
| 21 | 8887 | 8888 | SN | 1 | 0.0 | 23.174 | 5.194 | 0.0 | 25.755 | 6.033 | 0.0 | 82.284 | 1.592 | 0.0 | 24.729 | 2.611 | 0.0 | 1.369 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.115 | 0.0 |
| 22 | 8887 | 8888 | SN | 1 | 0.0 | 30.663 | 12.024 | 0.0 | 25.965 | 13.11 | 0.0 | 68.369 | 8.304 | 0.0 | 44.909 | 10.537 | 0.0 | 1.369 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.115 | 0.0 |
| 23 | 8887 | 8888 | NS | 1 | 0.0 | 90.432 | 10.077 | 0.0 | 33.697 | 15.074 | 0.0 | 218.57 | 12.414 | 0.0 | 67.779 | 13.737 | 0.0 | 1.408 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.195 | 0.0 |
| 24 | 8887 | 8888 | NS | 1 | 0.0 | 90.432 | 10.075 | 0.0 | 31.358 | 15.034 | 0.0 | 166.247 | 12.411 | 0.0 | 63.301 | 13.811 | 0.0 | 1.42 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.195 | 0.0 |
| 25 | 8888 | 8889 | SN | 1 | 0.0 | 30.663 | 11.966 | 0.0 | 184.629 | 13.205 | 0.0 | 109.953 | 8.416 | 0.0 | 55.657 | 10.672 | 0.0 | 1.368 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.113 | 0.0 |
| 26 | 8888 | 8889 | SN | 1 | 0.0 | 30.663 | 11.966 | 0.0 | 184.629 | 13.205 | 0.0 | 109.953 | 8.416 | 0.0 | 55.657 | 10.672 | 0.0 | 1.368 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.113 | 0.0 |
| 27 | 8888 | 8889 | NS | 1 | 0.0 | 207.11 | 7.124 | 0.0 | 25.54 | 8.457 | 0.0 | 352.02 | 4.487 | 0.0 | 114.342 | 5.307 | 0.0 | 1.452 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.196 | 0.0 |
| 28 | 8888 | 8889 | NS | 1 | 0.0 | 207.11 | 7.124 | 0.0 | 25.54 | 8.457 | 0.0 | 352.02 | 4.487 | 0.0 | 114.342 | 5.307 | 0.0 | 1.452 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.196 | 0.0 |
| 29 | 8888 | 8889 | SN | 1 | 0.0 | 30.663 | 11.944 | 0.0 | 184.629 | 13.009 | 0.0 | 109.953 | 8.456 | 0.0 | 20.251 | 10.317 | 0.0 | 1.368 | 0.0 | 0.0 | 1.761 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.111 | 0.0 |
| 30 | 8888 | 8889 | NS | 1 | 0.0 | 257.575 | 10.038 | 0.0 | 31.336 | 15.073 | 0.0 | 161.416 | 12.348 | 0.0 | 64.355 | 13.861 | 0.0 | 1.418 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.196 | 0.0 |
| 31 | 8888 | 8889 | NS | 1 | 0.0 | 257.575 | 10.038 | 0.0 | 31.336 | 15.073 | 0.0 | 161.416 | 12.348 | 0.0 | 64.355 | 13.861 | 0.0 | 1.418 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.196 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 8888 | 8889 | SN | 1 | 0.0 | 23.158 | 5.212 | 0.0 | 25.772 | 6.005 | 0.0 | 167.656 | 1.584 | 0.0 | 14.824 | 2.486 | 0.0 | 1.366 | 0.0 | 0.0 | 1.76 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.11 | 0.0 |
| 33 | 8888 | 8889 | SN | 1 | 0.0 | 23.158 | 5.221 | 0.0 | 25.772 | 6.059 | 0.0 | 167.656 | 1.589 | 0.0 | 50.815 | 2.638 | 0.0 | 1.366 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.112 | 0.0 |
| 34 | 8888 | 8889 | SN | 1 | 0.0 | 23.158 | 5.221 | 0.0 | 25.772 | 6.059 | 0.0 | 167.656 | 1.589 | 0.0 | 50.815 | 2.638 | 0.0 | 1.366 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.112 | 0.0 |
| 35 | 8889 | 8890 | SN | 1 | 0.0 | 110.008 | 12.018 | 0.0 | 57.695 | 13.222 | 0.0 | 162.748 | 8.408 | 0.0 | 60.737 | 10.714 | 0.0 | 1.389 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.113 | 0.0 |
| 36 | 8889 | 8890 | SN | 1 | 0.0 | 110.008 | 12.011 | 0.0 | 57.69 | 12.872 | 0.0 | 162.748 | 8.487 | 0.0 | 55.682 | 10.056 | 0.0 | 1.367 | 0.0 | 0.0 | 1.759 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.111 | 0.0 |
| 37 | 8889 | 8890 | SN | 1 | 0.0 | 110.008 | 12.018 | 0.0 | 57.69 | 13.222 | 0.0 | 162.748 | 8.444 | 0.0 | 60.72 | 10.7 | 0.0 | 1.367 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.113 | 0.0 |
| 38 | 8889 | 8890 | NS | 1 | 0.0 | 150.932 | 10.089 | 0.0 | 31.281 | 15.073 | 0.0 | 179.202 | 12.42 | 0.0 | 65.59 | 13.825 | 0.0 | 1.42 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.196 | 0.0 |
| 39 | 8889 | 8890 | NS | 1 | 0.0 | 150.937 | 10.098 | 0.0 | 31.447 | 15.131 | 0.0 | 275.665 | 12.428 | 0.0 | 65.59 | 13.79 | 0.0 | 1.416 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.191 | 0.0 |
| 40 | 8889 | 8890 | SN | 1 | 0.0 | 148.955 | 5.218 | 0.0 | 57.69 | 5.973 | 0.0 | 162.499 | 1.619 | 0.0 | 53.228 | 2.457 | 0.0 | 1.366 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.109 | 0.0 |
| 41 | 8889 | 8890 | SN | 1 | 0.0 | 148.955 | 5.251 | 0.0 | 57.69 | 6.065 | 0.0 | 162.499 | 1.635 | 0.0 | 53.228 | 2.672 | 0.0 | 1.366 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.112 | 0.0 |
| 42 | 8889 | 8890 | SN | 1 | 0.0 | 148.955 | 5.251 | 0.0 | 57.69 | 6.075 | 0.0 | 162.499 | 1.633 | 0.0 | 53.228 | 2.665 | 0.0 | 1.365 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.112 | 0.0 |
| 43 | 8889 | 8890 | NS | 1 | 0.0 | 25.468 | 7.095 | 0.0 | 25.54 | 8.466 | 0.0 | 177.873 | 4.486 | 0.0 | 118.027 | 5.286 | 0.0 | 1.452 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.195 | 0.0 |
| 44 | 8889 | 8890 | NS | 1 | 0.0 | 254.724 | 7.109 | 0.0 | 25.54 | 8.48 | 0.0 | 248.616 | 4.486 | 0.0 | 116.852 | 5.297 | 0.0 | 1.45 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.195 | 0.0 |
| 45 | 8890 | 8891 | SN | 1 | 0.0 | 23.146 | 5.166 | 0.0 | 106.183 | 5.91 | 0.0 | 64.663 | 1.56 | 0.0 | 12.938 | 2.386 | 0.0 | 1.364 | 0.0 | 0.0 | 1.753 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.105 | 0.0 |
| 46 | 8890 | 8891 | SN | 1 | 0.0 | 23.146 | 5.228 | 0.0 | 106.183 | 6.059 | 0.0 | 64.663 | 1.595 | 0.0 | 53.81 | 2.663 | 0.0 | 1.364 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.112 | 0.0 |
| 47 | 8890 | 8891 | SN | 1 | 0.0 | 23.152 | 5.235 | 0.0 | 25.755 | 6.063 | 0.0 | 64.619 | 1.595 | 0.0 | 53.81 | 2.659 | 0.0 | 1.364 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.112 | 0.0 |
| 48 | 8890 | 8891 | SN | 1 | 0.0 | 30.796 | 11.978 | 0.0 | 25.937 | 12.681 | 0.0 | 77.739 | 8.356 | 0.0 | 15.85 | 9.725 | 0.0 | 1.366 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.103 | 0.0 |
| 49 | 8890 | 8891 | NS | 1 | 0.0 | 25.474 | 7.1 | 0.0 | 24.669 | 8.46 | 0.0 | 324.936 | 4.477 | 0.0 | 139.502 | 5.298 | 0.0 | 1.452 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.195 | 0.0 |
| 50 | 8890 | 8891 | SN | 1 | 0.0 | 30.796 | 12.004 | 0.0 | 25.965 | 13.187 | 0.0 | 77.739 | 8.32 | 0.0 | 65.777 | 10.635 | 0.0 | 1.366 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.113 | 0.0 |
| 51 | 8890 | 8891 | NS | 1 | 0.0 | 24.327 | 10.078 | 0.0 | 31.43 | 15.111 | 0.0 | 331.846 | 12.393 | 0.0 | 81.843 | 13.79 | 0.0 | 1.416 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.19 | 0.0 |
| 52 | 8890 | 8891 | NS | 1 | 0.0 | 270.287 | 10.068 | 0.0 | 31.287 | 15.052 | 0.0 | 331.846 | 12.355 | 0.0 | 81.843 | 13.875 | 0.0 | 1.42 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.196 | 0.0 |
| 53 | 8890 | 8891 | SN | 1 | 0.0 | 30.79 | 11.994 | 0.0 | 25.965 | 13.187 | 0.0 | 77.706 | 8.356 | 0.0 | 65.777 | 10.671 | 0.0 | 1.367 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.113 | 0.0 |
| 54 | 8890 | 8891 | NS | 1 | 0.0 | 67.002 | 7.102 | 0.0 | 24.669 | 8.469 | 0.0 | 332.011 | 4.47 | 0.0 | 137.037 | 5.302 | 0.0 | 1.448 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.194 | 0.0 |
| 55 | 8891 | 8892 | SN | 1 | 0.0 | 23.13 | 5.133 | 0.0 | 25.761 | 5.881 | 0.0 | 114.651 | 1.535 | 0.0 | 241.996 | 2.288 | 0.0 | 1.363 | 0.0 | 0.0 | 1.749 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.101 | 0.0 |
| 56 | 8891 | 8892 | SN | 1 | 0.0 | 30.796 | 11.986 | 0.0 | 88.022 | 13.135 | 0.0 | 119.306 | 8.343 | 0.0 | 178.694 | 10.582 | 0.0 | 1.374 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.11 | 0.0 |
| 57 | 8891 | 8892 | SN | 1 | 0.0 | 30.79 | 11.986 | 0.0 | 25.97 | 13.104 | 0.0 | 119.234 | 8.336 | 0.0 | 123.671 | 10.567 | 0.0 | 1.375 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.11 | 0.0 |
| 58 | 8891 | 8892 | SN | 1 | 0.0 | 23.13 | 5.237 | 0.0 | 25.761 | 6.071 | 0.0 | 114.651 | 1.58 | 0.0 | 241.996 | 2.644 | 0.0 | 1.363 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.113 | 0.0 |
| 59 | 8891 | 8892 | SN | 1 | 0.0 | 23.13 | 5.237 | 0.0 | 199.784 | 6.067 | 0.0 | 114.723 | 1.594 | 0.0 | 241.996 | 2.654 | 0.0 | 1.363 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.113 | 0.0 |
| 60 | 8891 | 8892 | SN | 1 | 0.0 | 30.79 | 11.985 | 0.0 | 25.81 | 12.466 | 0.0 | 119.234 | 8.375 | 0.0 | 123.671 | 9.428 | 0.0 | 1.375 | 0.0 | 0.0 | 1.75 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.102 | 0.0 |
| 61 | 8891 | 8892 | NS | 1 | 0.0 | 25.424 | 7.092 | 0.0 | 25.523 | 8.491 | 0.0 | 355.544 | 4.495 | 0.0 | 150.162 | 5.302 | 0.0 | 1.449 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.196 | 0.0 |
| 62 | 8891 | 8892 | NS | 1 | 0.0 | 25.198 | 7.1 | 0.0 | 25.523 | 8.468 | 0.0 | 334.135 | 4.5 | 0.0 | 155.043 | 5.301 | 0.0 | 1.443 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.196 | 0.0 |
| 63 | 8891 | 8892 | NS | 1 | 0.0 | 24.316 | 10.006 | 0.0 | 31.402 | 15.141 | 0.0 | 355.709 | 12.434 | 0.0 | 60.334 | 13.783 | 0.0 | 1.417 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.198 | 0.0 |
| 64 | 8891 | 8892 | NS | 1 | 0.0 | 24.316 | 10.035 | 0.0 | 31.402 | 15.086 | 0.0 | 355.544 | 12.351 | 0.0 | 55.304 | 13.77 | 0.0 | 1.424 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.193 | 0.0 |
| 65 | 8892 | 8893 | SN | 1 | 0.0 | 30.696 | 12.027 | 0.0 | 25.97 | 13.094 | 0.0 | 78.219 | 8.336 | 0.0 | 154.039 | 10.546 | 0.0 | 1.366 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.114 | 0.0 |
| 66 | 8892 | 8893 | SN | 1 | 0.0 | 23.135 | 5.2 | 0.0 | 25.755 | 6.053 | 0.0 | 117.453 | 1.59 | 0.0 | 154.039 | 2.653 | 0.0 | 1.364 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.113 | 0.0 |
| 67 | 8892 | 8893 | SN | 1 | 0.0 | 30.696 | 12.027 | 0.0 | 25.97 | 13.094 | 0.0 | 78.219 | 8.329 | 0.0 | 154.039 | 10.546 | 0.0 | 1.366 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.114 | 0.0 |
| 68 | 8892 | 8893 | SN | 1 | 0.0 | 23.135 | 5.198 | 0.0 | 25.755 | 6.053 | 0.0 | 117.453 | 1.59 | 0.0 | 154.039 | 2.653 | 0.0 | 1.364 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.113 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 8892 | 8893 | NS | 1 | 0.0 | 24.343 | 9.995 | 0.0 | 31.408 | 15.08 | 0.0 | 355.748 | 12.456 | 0.0 | 69.434 | 13.818 | 0.0 | 1.416 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.194 | 0.0 |
| 70 | 8892 | 8893 | SN | 1 | 0.0 | 30.696 | 12.007 | 0.0 | 25.606 | 12.314 | 0.0 | 78.219 | 8.352 | 0.0 | 154.039 | 9.193 | 0.0 | 1.366 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.099 | 0.0 |
| 71 | 8892 | 8893 | NS | 1 | 0.0 | 24.343 | 9.995 | 0.0 | 31.408 | 15.08 | 0.0 | 355.748 | 12.456 | 0.0 | 69.434 | 13.818 | 0.0 | 1.416 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.194 | 0.0 |
| 72 | 8892 | 8893 | NS | 1 | 0.0 | 25.375 | 7.086 | 0.0 | 25.545 | 8.491 | 0.0 | 355.748 | 4.516 | 0.0 | 101.73 | 5.306 | 0.0 | 1.447 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.196 | 0.0 |
| 73 | 8892 | 8893 | NS | 1 | 0.0 | 25.375 | 7.086 | 0.0 | 25.545 | 8.491 | 0.0 | 355.748 | 4.516 | 0.0 | 101.73 | 5.306 | 0.0 | 1.447 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.196 | 0.0 |
| 74 | 8892 | 8893 | SN | 1 | 0.0 | 23.135 | 5.044 | 0.0 | 25.755 | 5.829 | 0.0 | 117.453 | 1.542 | 0.0 | 154.039 | 2.2 | 0.0 | 1.364 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.097 | 0.0 |
| 75 | 8893 | 8894 | NS | 1 | 0.0 | 24.476 | 10.047 | 0.0 | 35.346 | 15.024 | 0.0 | 355.836 | 12.371 | 0.0 | 65.981 | 13.758 | 0.0 | 1.425 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.194 | 0.0 |
| 76 | 8893 | 8894 | SN | 1 | 0.0 | 23.141 | 5.178 | 0.0 | 25.766 | 6.064 | 0.0 | 115.716 | 1.604 | 0.0 | 275.201 | 2.625 | 0.0 | 1.369 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.115 | 0.0 |
| 77 | 8893 | 8894 | NS | 1 | 0.0 | 25.027 | 7.076 | 0.0 | 25.557 | 8.447 | 0.0 | 140.084 | 4.501 | 0.0 | 122.913 | 5.309 | 0.0 | 1.447 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.196 | 0.0 |
| 78 | 8893 | 8894 | SN | 1 | 0.0 | 31.121 | 12.021 | 0.0 | 25.965 | 13.078 | 0.0 | 112.368 | 8.382 | 0.0 | 241.83 | 10.604 | 0.0 | 1.372 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.115 | 0.0 |
| 79 | 8893 | 8894 | NS | 1 | 0.0 | 43.847 | 10.058 | 0.0 | 35.351 | 15.034 | 0.0 | 355.831 | 12.385 | 0.0 | 65.987 | 13.758 | 0.0 | 1.425 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.194 | 0.0 |
| 80 | 8893 | 8894 | NS | 1 | 0.0 | 201.902 | 7.082 | 0.0 | 25.557 | 8.44 | 0.0 | 140.084 | 4.497 | 0.0 | 122.924 | 5.311 | 0.0 | 1.447 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.196 | 0.0 |
| 81 | 8894 | 8895 | SN | 1 | 0.0 | 31.149 | 12.002 | 0.0 | 145.207 | 13.1 | 0.0 | 101.917 | 8.34 | 0.0 | 44.241 | 10.546 | 0.0 | 1.365 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.116 | 0.0 |
| 82 | 8894 | 8895 | NS | 1 | 0.0 | 70.705 | 10.035 | 0.0 | 31.397 | 15.084 | 0.0 | 205.392 | 12.39 | 0.0 | 62.865 | 13.847 | 0.0 | 1.424 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.193 | 0.0 |
| 83 | 8894 | 8895 | SN | 1 | 0.0 | 23.13 | 5.18 | 0.0 | 220.741 | 6.055 | 0.0 | 105.485 | 1.586 | 0.0 | 47.026 | 2.616 | 0.0 | 1.369 | 0.0 | 0.0 | 1.762 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.115 | 0.0 |
| 84 | 8894 | 8895 | NS | 1 | 0.0 | 266.217 | 7.09 | 0.0 | 25.518 | 8.469 | 0.0 | 156.334 | 4.495 | 0.0 | 112.181 | 5.303 | 0.0 | 1.451 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.196 | 0.0 |
| 85 | 8895 | 8896 | NS | 1 | 0.0 | 25.435 | 7.153 | 0.0 | 25.507 | 8.484 | 0.0 | 353.272 | 4.513 | 0.0 | 16.677 | 5.261 | 0.0 | 1.451 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.195 | 0.0 |
| 86 | 8895 | 8896 | NS | 1 | 0.0 | 23.61 | 10.041 | 0.0 | 30.597 | 14.951 | 0.0 | 146.31 | 12.489 | 0.0 | 28.104 | 13.725 | 0.0 | 1.415 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.195 | 0.0 |
| 87 | 8900 | 8901 | SN | 1 | 0.0 | 23.158 | 5.184 | 0.0 | 25.761 | 6.078 | 0.0 | 137.39 | 1.598 | 0.0 | 219.839 | 2.671 | 0.0 | 1.367 | 0.0 | 0.0 | 1.764 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.117 | 0.0 |
| 88 | 8900 | 8901 | NS | 1 | 0.0 | 207.083 | 7.049 | 0.0 | 25.54 | 8.433 | 0.0 | 168.425 | 4.559 | 0.0 | 121.749 | 5.327 | 0.0 | 1.448 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.196 | 0.0 |
| 89 | 8900 | 8901 | SN | 1 | 0.0 | 30.807 | 12.031 | 0.0 | 81.625 | 13.098 | 0.0 | 137.39 | 8.382 | 0.0 | 271.523 | 10.69 | 0.0 | 1.387 | 0.0 | 0.0 | 1.764 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.117 | 0.0 |
| 90 | 8900 | 8901 | SN | 1 | 0.0 | 30.807 | 12.006 | 0.0 | 81.625 | 12.884 | 0.0 | 137.39 | 8.434 | 0.0 | 271.523 | 10.207 | 0.0 | 1.387 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.11 | 0.0 |
| 91 | 8900 | 8901 | SN | 1 | 0.0 | 30.807 | 12.031 | 0.0 | 81.625 | 13.098 | 0.0 | 137.39 | 8.382 | 0.0 | 271.523 | 10.69 | 0.0 | 1.387 | 0.0 | 0.0 | 1.764 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.117 | 0.0 |
| 92 | 8900 | 8901 | NS | 1 | 0.0 | 90.377 | 10.036 | 0.0 | 34.932 | 15.011 | 0.0 | 199.729 | 12.307 | 0.0 | 65.331 | 13.793 | 0.0 | 1.412 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.192 | 0.0 |
| 93 | 8900 | 8901 | SN | 1 | 0.0 | 23.158 | 5.167 | 0.0 | 25.761 | 6.007 | 0.0 | 137.39 | 1.59 | 0.0 | 219.839 | 2.497 | 0.0 | 1.367 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.108 | 0.0 |
| 94 | 8900 | 8901 | SN | 1 | 0.0 | 23.158 | 5.184 | 0.0 | 25.761 | 6.078 | 0.0 | 137.39 | 1.598 | 0.0 | 219.839 | 2.671 | 0.0 | 1.367 | 0.0 | 0.0 | 1.764 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.117 | 0.0 |
| 95 | 8901 | 8902 | SN | 1 | 0.0 | 23.141 | 5.216 | 0.0 | 25.755 | 6.08 | 0.0 | 134.577 | 1.61 | 0.0 | 67.755 | 2.629 | 0.0 | 1.369 | 0.0 | 0.0 | 1.76 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.112 | 0.0 |
| 96 | 8901 | 8902 | SN | 1 | 0.0 | 30.818 | 11.967 | 0.0 | 84.393 | 13.199 | 0.0 | 134.577 | 8.439 | 0.0 | 150.215 | 10.69 | 0.0 | 1.384 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.114 | 0.0 |
| 97 | 8901 | 8902 | NS | 1 | 0.0 | 67.652 | 7.077 | 0.0 | 24.658 | 8.363 | 0.0 | 169.335 | 4.516 | 0.0 | 125.058 | 5.24 | 0.0 | 1.445 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.196 | 0.0 |
| 98 | 8901 | 8902 | NS | 1 | 0.0 | 44.856 | 7.075 | 0.0 | 24.663 | 8.334 | 0.0 | 163.478 | 4.501 | 0.0 | 124.347 | 5.236 | 0.0 | 1.451 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.196 | 0.0 |
| 99 | 8901 | 8902 | SN | 1 | 0.0 | 30.818 | 11.966 | 0.0 | 84.393 | 13.099 | 0.0 | 134.577 | 8.47 | 0.0 | 150.215 | 10.448 | 0.0 | 1.384 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.113 | 0.0 |
| 100 | 8901 | 8902 | NS | 1 | 0.0 | 40.003 | 10.023 | 0.0 | 32.368 | 15.021 | 0.0 | 171.277 | 12.411 | 0.0 | 67.211 | 13.896 | 0.0 | 1.423 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 1.905 | 0.0 | 0.0 | 2.196 | 0.0 |
| 101 | 8901 | 8902 | NS | 1 | 0.0 | 40.003 | 10.015 | 0.0 | 32.34 | 15.071 | 0.0 | 170.003 | 12.352 | 0.0 | 72.098 | 13.885 | 0.0 | 1.425 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.191 | 0.0 |
| 102 | 8901 | 8902 | SN | 1 | 0.0 | 23.141 | 5.225 | 0.0 | 25.755 | 6.112 | 0.0 | 134.577 | 1.61 | 0.0 | 67.755 | 2.721 | 0.0 | 1.369 | 0.0 | 0.0 | 1.764 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.118 | 0.0 |
| 103 | 8901 | 8902 | SN | 1 | 0.0 | 23.141 | 5.216 | 0.0 | 25.755 | 6.08 | 0.0 | 134.577 | 1.61 | 0.0 | 67.755 | 2.629 | 0.0 | 1.369 | 0.0 | 0.0 | 1.76 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.112 | 0.0 |
| 104 | 8901 | 8902 | SN | 1 | 0.0 | 30.818 | 11.966 | 0.0 | 84.393 | 13.099 | 0.0 | 134.577 | 8.47 | 0.0 | 150.215 | 10.448 | 0.0 | 1.384 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.113 | 0.0 |
| 105 | 8902 | 8903 | SN | 1 | 0.0 | 23.158 | 5.217 | 0.0 | 232.179 | 6.096 | 0.0 | 130.59 | 1.602 | 0.0 | 14.775 | 2.627 | 0.0 | 1.367 | 0.0 | 0.0 | 1.761 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.113 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 8902 | 8903 | SN | 1 | 0.0 | 30.934 | 11.987 | 0.0 | 234.462 | 13.042 | 0.0 | 130.59 | 8.503 | 0.0 | 21.497 | 10.439 | 0.0 | 1.37 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.113 | 0.0 |
| 107 | 8902 | 8903 | SN | 1 | 0.0 | 30.934 | 11.989 | 0.0 | 234.462 | 13.18 | 0.0 | 130.59 | 8.461 | 0.0 | 67.393 | 10.755 | 0.0 | 1.37 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.115 | 0.0 |
| 108 | 8902 | 8903 | SN | 1 | 0.0 | 23.158 | 5.225 | 0.0 | 232.179 | 6.139 | 0.0 | 130.59 | 1.602 | 0.0 | 53.071 | 2.739 | 0.0 | 1.367 | 0.0 | 0.0 | 1.764 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.118 | 0.0 |
| 109 | 8902 | 8903 | NS | 1 | 0.0 | 269.185 | 7.097 | 0.0 | 24.663 | 8.316 | 0.0 | 353.222 | 4.525 | 0.0 | 126.685 | 5.281 | 0.0 | 1.448 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.195 | 0.0 |
| 110 | 8902 | 8903 | NS | 1 | 0.0 | 270.398 | 10.025 | 0.0 | 32.318 | 15.049 | 0.0 | 132.727 | 12.31 | 0.0 | 73.416 | 13.849 | 0.0 | 1.426 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.191 | 0.0 |
| 111 | 8903 | 8904 | SN | 1 | 0.0 | 23.146 | 5.203 | 0.0 | 74.384 | 6.125 | 0.0 | 162.775 | 1.601 | 0.0 | 42.918 | 2.773 | 0.0 | 1.373 | 0.0 | 0.0 | 1.765 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.114 | 0.0 |
| 112 | 8903 | 8904 | NS | 1 | 0.0 | 209.181 | 7.086 | 0.0 | 24.658 | 8.324 | 0.0 | 349.477 | 4.51 | 0.0 | 125.075 | 5.282 | 0.0 | 1.437 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.194 | 0.0 |
| 113 | 8903 | 8904 | SN | 1 | 0.0 | 30.895 | 11.977 | 0.0 | 33.876 | 13.255 | 0.0 | 111.954 | 8.485 | 0.0 | 111.472 | 10.758 | 0.0 | 1.368 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.816 | 0.0 | 0.0 | 2.116 | 0.0 |
| 114 | 8903 | 8904 | SN | 1 | 0.0 | 23.146 | 5.172 | 0.0 | 74.384 | 6.05 | 0.0 | 162.775 | 1.591 | 0.0 | 14.113 | 2.582 | 0.0 | 1.373 | 0.0 | 0.0 | 1.759 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.111 | 0.0 |
| 115 | 8903 | 8904 | SN | 1 | 0.0 | 30.895 | 11.956 | 0.0 | 33.876 | 13.002 | 0.0 | 111.954 | 8.543 | 0.0 | 111.472 | 10.284 | 0.0 | 1.368 | 0.0 | 0.0 | 1.76 | 0.0 | 0.0 | 1.816 | 0.0 | 0.0 | 2.113 | 0.0 |
| 116 | 8903 | 8904 | NS | 1 | 0.0 | 23.946 | 9.975 | 0.0 | 32.412 | 15.028 | 0.0 | 212.904 | 12.352 | 0.0 | 69.671 | 13.903 | 0.0 | 1.417 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.196 | 0.0 |
| 117 | 8904 | 8905 | NS | 1 | 0.0 | 54.585 | 7.081 | 0.0 | 47.468 | 8.331 | 0.0 | 248.316 | 4.504 | 0.0 | 72.34 | 5.282 | 0.0 | 1.447 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.194 | 0.0 |
| 118 | 8904 | 8905 | SN | 1 | 0.0 | 23.141 | 5.183 | 0.0 | 25.744 | 6.05 | 0.0 | 75.004 | 1.567 | 0.0 | 87.747 | 2.515 | 0.0 | 1.367 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.108 | 0.0 |
| 119 | 8904 | 8905 | NS | 1 | 0.0 | 46.726 | 9.995 | 0.0 | 32.423 | 15.015 | 0.0 | 229.664 | 12.344 | 0.0 | 69.892 | 13.903 | 0.0 | 1.416 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.196 | 0.0 |
| 120 | 8904 | 8905 | SN | 1 | 0.0 | 30.917 | 11.971 | 0.0 | 25.976 | 12.807 | 0.0 | 71.585 | 8.547 | 0.0 | 156.232 | 10.03 | 0.0 | 1.389 | 0.0 | 0.0 | 1.76 | 0.0 | 0.0 | 1.816 | 0.0 | 0.0 | 2.108 | 0.0 |
| 121 | 8904 | 8905 | SN | 1 | 0.0 | 30.917 | 11.966 | 0.0 | 25.976 | 13.224 | 0.0 | 71.585 | 8.493 | 0.0 | 156.232 | 10.772 | 0.0 | 1.389 | 0.0 | 0.0 | 1.763 | 0.0 | 0.0 | 1.816 | 0.0 | 0.0 | 2.113 | 0.0 |
| 122 | 8904 | 8905 | SN | 1 | 0.0 | 23.141 | 5.241 | 0.0 | 25.744 | 6.163 | 0.0 | 75.004 | 1.594 | 0.0 | 87.747 | 2.768 | 0.0 | 1.367 | 0.0 | 0.0 | 1.765 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.115 | 0.0 |
| 123 | 8905 | 8906 | SN | 1 | 0.0 | 23.146 | 5.137 | 0.0 | 25.744 | 5.967 | 0.0 | 65.86 | 1.573 | 0.0 | 12.751 | 2.477 | 0.0 | 1.365 | 0.0 | 0.0 | 1.753 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.103 | 0.0 |
| 124 | 8905 | 8906 | SN | 1 | 0.0 | 30.834 | 11.98 | 0.0 | 25.882 | 12.662 | 0.0 | 78.942 | 8.525 | 0.0 | 15.558 | 9.753 | 0.0 | 1.367 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.817 | 0.0 | 0.0 | 2.105 | 0.0 |
| 125 | 8905 | 8906 | NS | 1 | 0.0 | 23.521 | 9.985 | 0.0 | 32.434 | 15.008 | 0.0 | 336.815 | 12.344 | 0.0 | 82.306 | 13.867 | 0.0 | 1.422 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.905 | 0.0 | 0.0 | 2.195 | 0.0 |
| 126 | 8905 | 8906 | NS | 1 | 0.0 | 24.481 | 7.08 | 0.0 | 24.658 | 8.329 | 0.0 | 326.689 | 4.513 | 0.0 | 138.294 | 5.262 | 0.0 | 1.433 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.194 | 0.0 |

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