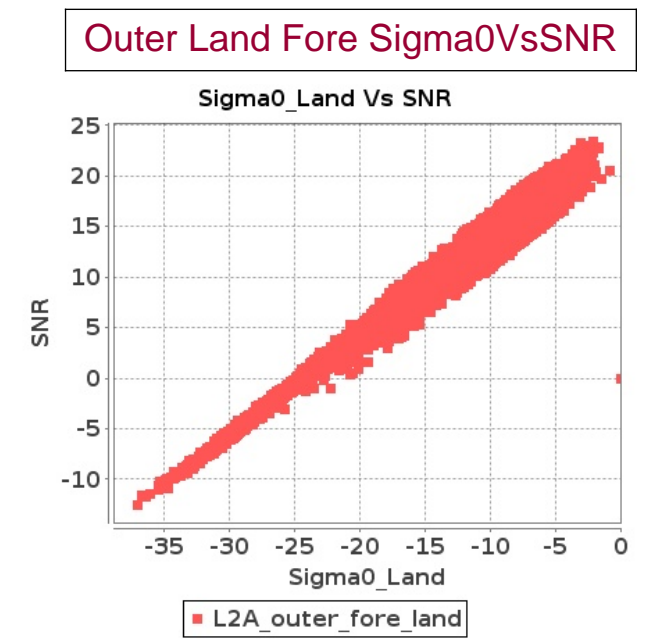
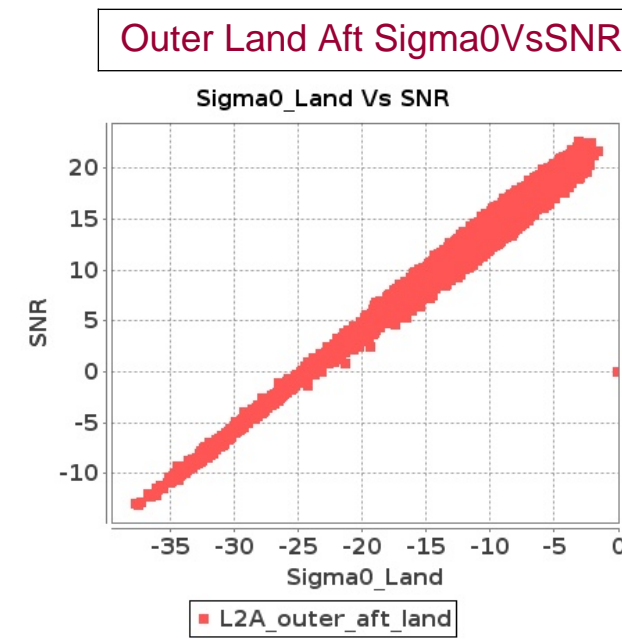
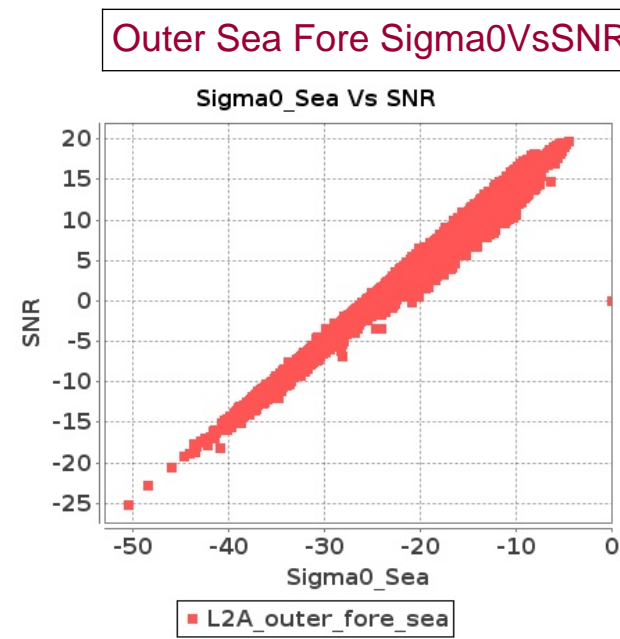
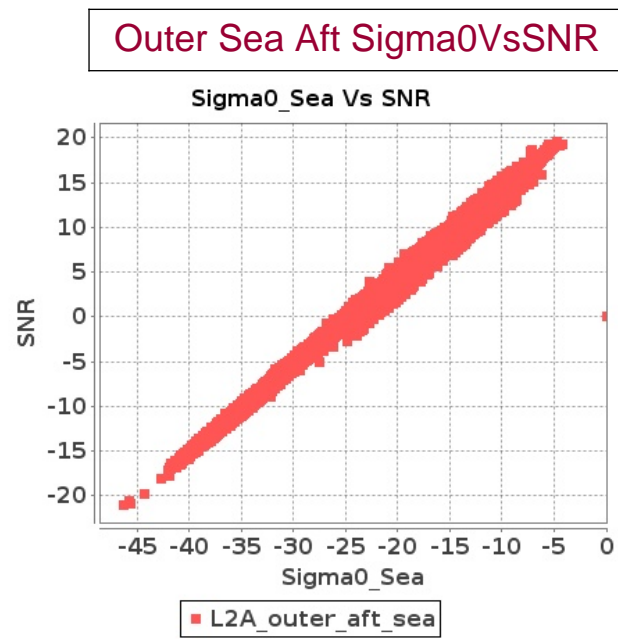
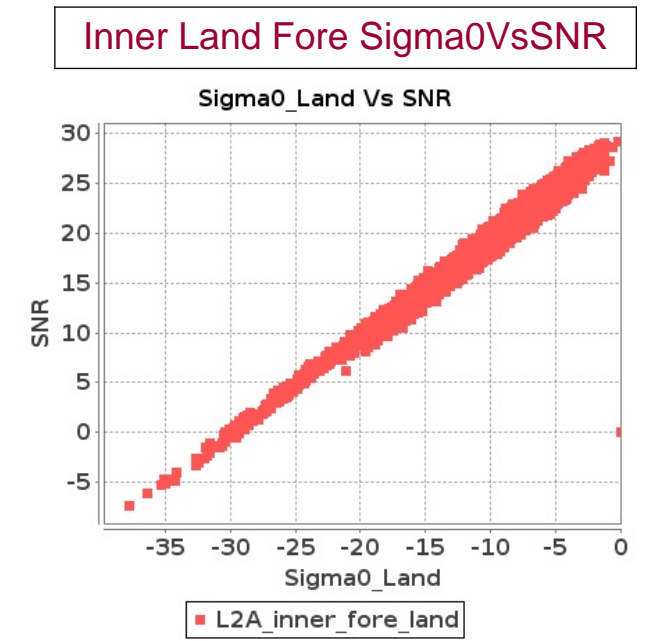
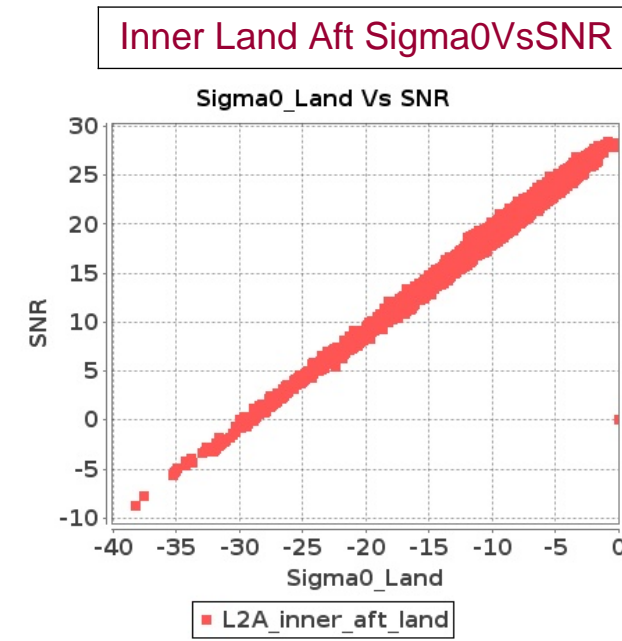
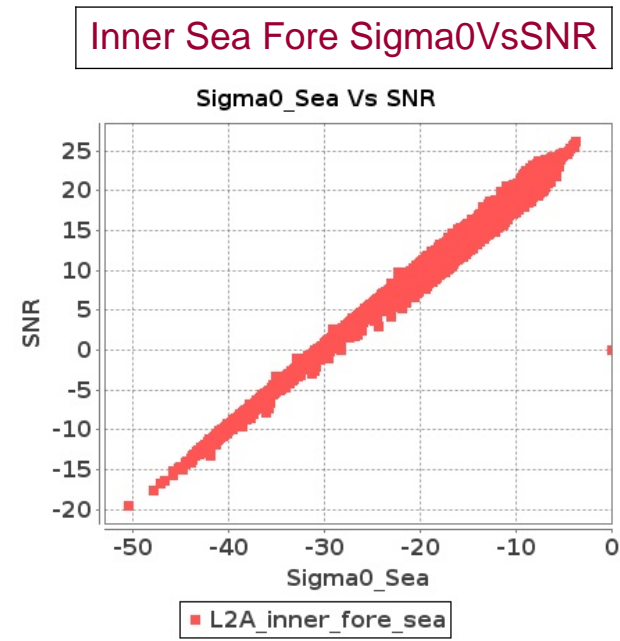
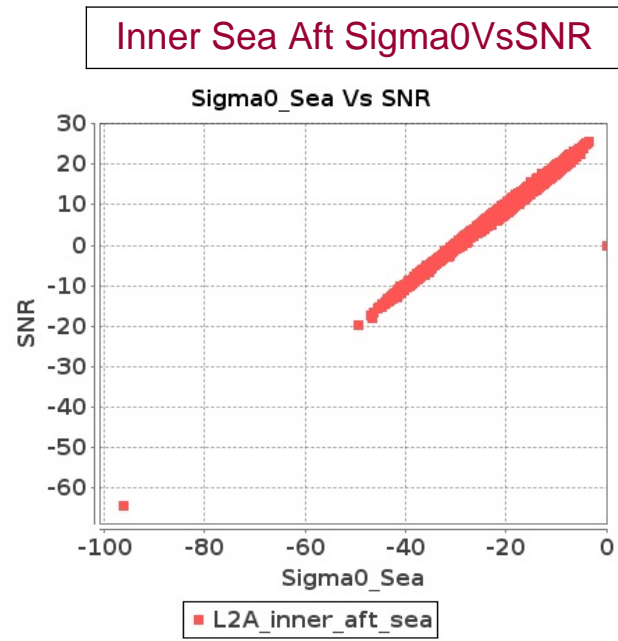


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 04-FEB-2020 To 05-FEB-2020



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

Report between 04-FEB-2020 To 05-FEB-2020

| 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 | 17774 | 17775 | SN | 1 | 0.0 | 48.766 | 4.76 | 0.0 | 52.63 | 5.342 | 0.0 | 49.314 | 3.213 | 0.0 | 45.372 | 4.105 | 0.0 | 48.25 | 4.709 | 0.0 | 52.456 | 4.905 | 0.0 | 51.517 | 3.029 | 0.0 | 46.687 | 3.593 |
| 2 | 17774 | 17775 | SN | 1 | 0.0 | 49.752 | 0.979 | 0.0 | 47.382 | 1.331 | 0.0 | 41.379 | 0.915 | 0.0 | 50.448 | 1.311 | 0.0 | 49.276 | 0.983 | 0.0 | 45.385 | 1.239 | 0.0 | 38.981 | 0.792 | 0.0 | 46.629 | 1.077 |
| 3 | 17774 | 17775 | NS | 1 | 0.0 | 50.633 | 6.854 | 0.0 | 52.103 | 8.628 | 0.0 | 49.857 | 5.882 | 0.0 | 49.592 | 7.277 | 0.0 | 51.7 | 6.864 | 0.0 | 53.813 | 8.261 | 0.0 | 51.116 | 5.655 | 0.0 | 46.742 | 6.678 |
| 4 | 17774 | 17775 | SN | 1 | 0.0 | 49.752 | 0.958 | 0.0 | 47.382 | 1.301 | 0.0 | 42.883 | 0.901 | 0.0 | 50.448 | 1.29 | 0.0 | 49.276 | 0.962 | 0.0 | 45.385 | 1.211 | 0.0 | 40.257 | 0.775 | 0.0 | 46.912 | 1.061 |
| 5 | 17774 | 17775 | SN | 1 | 0.0 | 48.347 | 4.76 | 0.0 | 52.63 | 5.342 | 0.0 | 49.314 | 3.22 | 0.0 | 45.372 | 4.098 | 0.0 | 48.063 | 4.709 | 0.0 | 52.456 | 4.905 | 0.0 | 51.517 | 3.036 | 0.0 | 46.687 | 3.586 |
| 6 | 17774 | 17775 | NS | 1 | 0.0 | 51.37 | 1.754 | 0.0 | 49.162 | 2.335 | 0.0 | 47.869 | 1.527 | 0.0 | 41.112 | 2.232 | 0.0 | 50.755 | 1.709 | 0.0 | 47.627 | 2.216 | 0.0 | 45.941 | 1.441 | 0.0 | 38.664 | 1.955 |
| 7 | 17774 | 17775 | SN | 1 | 0.0 | 49.752 | 0.958 | 0.0 | 47.382 | 1.301 | 0.0 | 41.379 | 0.899 | 0.0 | 50.448 | 1.29 | 0.0 | 49.276 | 0.965 | 0.0 | 45.385 | 1.211 | 0.0 | 38.981 | 0.775 | 0.0 | 46.912 | 1.061 |
| 8 | 17774 | 17775 | NS | 1 | 0.0 | 51.433 | 6.915 | 0.0 | 52.332 | 8.678 | 0.0 | 50.03 | 5.754 | 0.0 | 50.064 | 7.177 | 0.0 | 52.499 | 6.864 | 0.0 | 53.101 | 8.322 | 0.0 | 51.289 | 5.612 | 0.0 | 45.442 | 6.564 |
| 9 | 17774 | 17775 | NS | 1 | 0.0 | 47.352 | 1.718 | 0.0 | 49.594 | 2.358 | 0.0 | 42.408 | 1.516 | 0.0 | 42.125 | 2.203 | 0.0 | 46.569 | 1.706 | 0.0 | 48.047 | 2.213 | 0.0 | 42.56 | 1.463 | 0.0 | 39.481 | 1.976 |
| 10 | 17775 | 17776 | SN | 1 | 0.0 | 40.893 | 3.484 | 0.0 | 40.972 | 4.174 | 0.0 | 41.118 | 3.448 | 0.0 | 44.13 | 4.226 | 0.0 | 40.254 | 3.525 | 0.0 | 40.316 | 3.879 | 0.0 | 38.379 | 3.335 | 0.0 | 46.076 | 3.6 |
| 11 | 17775 | 17776 | NS | 1 | 0.0 | 45.041 | 0.879 | 0.0 | 44.716 | 1.211 | 0.0 | 41.839 | 1.092 | 0.0 | 37.673 | 1.24 | 0.0 | 46.263 | 0.884 | 0.0 | 42.126 | 1.098 | 0.0 | 39.505 | 1.033 | 0.0 | 37.329 | 1.055 |
| 12 | 17775 | 17776 | SN | 1 | 0.0 | 40.578 | 0.806 | 0.0 | 38.124 | 1.152 | 0.0 | 38.875 | 1.109 | 0.0 | 42.423 | 1.438 | 0.0 | 39.321 | 0.774 | 0.0 | 38.712 | 0.996 | 0.0 | 37.787 | 1.048 | 0.0 | 38.957 | 1.254 |
| 13 | 17775 | 17776 | SN | 1 | 0.0 | 40.578 | 0.808 | 0.0 | 38.124 | 1.153 | 0.0 | 38.875 | 1.106 | 0.0 | 42.422 | 1.436 | 0.0 | 39.322 | 0.778 | 0.0 | 38.712 | 0.995 | 0.0 | 37.785 | 1.054 | 0.0 | 38.957 | 1.251 |
| 14 | 17775 | 17776 | SN | 1 | 0.0 | 40.578 | 0.796 | 0.0 | 38.124 | 1.138 | 0.0 | 38.875 | 1.096 | 0.0 | 42.423 | 1.421 | 0.0 | 39.321 | 0.764 | 0.0 | 38.712 | 0.985 | 0.0 | 37.787 | 1.036 | 0.0 | 38.957 | 1.24 |
| 15 | 17775 | 17776 | NS | 1 | 0.0 | 46.625 | 3.501 | 0.0 | 56.003 | 4.874 | 0.0 | 49.631 | 3.726 | 0.0 | 47.966 | 4.021 | 0.0 | 45.762 | 3.512 | 0.0 | 53.47 | 4.467 | 0.0 | 47.839 | 3.619 | 0.0 | 45.681 | 3.565 |
| 16 | 17775 | 17776 | NS | 1 | 0.0 | 48.254 | 3.645 | 0.0 | 46.173 | 4.68 | 0.0 | 42.761 | 3.585 | 0.0 | 48.158 | 3.92 | 0.0 | 47.563 | 3.727 | 0.0 | 48.613 | 4.487 | 0.0 | 43.633 | 3.535 | 0.0 | 48.284 | 3.642 |
| 17 | 17775 | 17776 | NS | 1 | 0.0 | 43.91 | 0.865 | 0.0 | 45.452 | 1.126 | 0.0 | 47.029 | 1.114 | 0.0 | 47.875 | 1.284 | 0.0 | 42.579 | 0.838 | 0.0 | 45.492 | 1.087 | 0.0 | 45.209 | 1.041 | 0.0 | 45.751 | 1.12 |
| 18 | 17775 | 17776 | SN | 1 | 0.0 | 41.002 | 3.517 | 0.0 | 40.972 | 4.228 | 0.0 | 41.262 | 3.469 | 0.0 | 44.151 | 4.295 | 0.0 | 40.254 | 3.548 | 0.0 | 40.316 | 3.929 | 0.0 | 38.523 | 3.369 | 0.0 | 46.1 | 3.654 |
| 19 | 17775 | 17776 | SN | 1 | 0.0 | 40.893 | 3.527 | 0.0 | 40.972 | 4.217 | 0.0 | 41.118 | 3.491 | 0.0 | 44.13 | 4.27 | 0.0 | 40.254 | 3.568 | 0.0 | 40.316 | 3.919 | 0.0 | 38.379 | 3.376 | 0.0 | 46.076 | 3.637 |
| 20 | 17776 | 17777 | SN | 1 | 0.0 | 33.228 | 1.195 | 0.0 | 37.041 | 1.656 | 0.0 | 43.54 | 2.057 | 0.0 | 39.999 | 3.032 | 0.0 | 32.522 | 1.225 | 0.0 | 34.931 | 1.28 | 0.0 | 43.05 | 1.894 | 0.0 | 39.002 | 2.385 |
| 21 | 17776 | 17777 | SN | 1 | 0.002 | 33.228 | 1.213 | 0.0 | 37.041 | 1.681 | 0.0 | 43.54 | 2.089 | 0.0 | 39.999 | 3.08 | 0.178 | 32.522 | 1.244 | 0.0 | 34.931 | 1.3 | 0.0 | 43.05 | 1.923 | 0.0 | 39.002 | 2.422 |
| 22 | 17776 | 17777 | NS | 1 | 0.0 | 53.907 | 2.346 | 0.0 | 40.988 | 3.812 | 0.0 | 37.747 | 3.267 | 0.0 | 42.824 | 4.259 | 0.0 | 54.769 | 2.357 | 0.0 | 41.693 | 3.588 | 0.0 | 37.263 | 3.174 | 0.0 | 44.311 | 4.067 |
| 23 | 17776 | 17777 | NS | 1 | 0.0 | 45.756 | 0.742 | 0.0 | 38.271 | 1.133 | 0.0 | 34.424 | 0.948 | 0.0 | 39.814 | 1.422 | 0.0 | 44.699 | 0.719 | 0.0 | 39.919 | 1.04 | 0.0 | 34.148 | 0.907 | 0.0 | 38.95 | 1.254 |
| 24 | 17776 | 17777 | SN | 1 | 0.0 | 40.108 | 0.494 | 0.0 | 37.294 | 0.647 | 0.0 | 40.708 | 0.712 | 0.0 | 40.644 | 1.197 | 0.0 | 41.214 | 0.474 | 0.0 | 36.437 | 0.532 | 0.0 | 38.411 | 0.65 | 0.0 | 37.949 | 0.899 |
| 25 | 17776 | 17777 | SN | 1 | 0.0 | 40.108 | 0.487 | 0.0 | 37.294 | 0.637 | 0.0 | 40.708 | 0.703 | 0.0 | 40.644 | 1.182 | 0.0 | 41.214 | 0.467 | 0.0 | 36.437 | 0.524 | 0.0 | 38.411 | 0.642 | 0.0 | 37.949 | 0.887 |
| 26 | 17776 | 17777 | SN | 1 | 0.0 | 40.112 | 0.494 | 0.0 | 54.406 | 0.644 | 0.0 | 39.65 | 0.699 | 0.0 | 40.859 | 1.191 | 0.0 | 41.217 | 0.487 | 0.0 | 53.517 | 0.529 | 0.0 | 37.153 | 0.634 | 0.0 | 38.164 | 0.91 |
| 27 | 17776 | 17777 | SN | 1 | 0.0 | 37.204 | 1.256 | 0.0 | 37.295 | 1.656 | 0.0 | 42.628 | 2.043 | 0.0 | 39.97 | 3.004 | 0.0 | 36.399 | 1.235 | 0.0 | 34.748 | 1.26 | 0.0 | 42.138 | 1.879 | 0.0 | 38.971 | 2.363 |
| 28 | 17777 | 17778 | NS | 1 | 0.0 | 52.281 | 5.526 | 0.0 | 52.723 | 7.258 | 0.0 | 46.993 | 4.953 | 0.0 | 49.95 | 6.11 | 0.0 | 52.381 | 5.607 | 0.0 | 52.524 | 7.125 | 0.0 | 46.637 | 4.981 | 0.0 | 48.063 | 5.911 |
| 29 | 17777 | 17778 | NS | 1 | 0.0 | 43.427 | 1.42 | 0.0 | 49.898 | 1.997 | 0.0 | 44.586 | 1.323 | 0.0 | 38.862 | 1.82 | 0.0 | 43.301 | 1.397 | 0.0 | 48.121 | 1.922 | 0.0 | 41.736 | 1.296 | 0.0 | 38.851 | 1.699 |
| 30 | 17777 | 17778 | SN | 1 | 0.0 | 39.97 | 0.599 | 0.0 | 42.133 | 1.071 | 0.0 | 38.307 | 0.837 | 0.0 | 39.405 | 1.459 | 0.0 | 40.694 | 0.599 | 0.0 | 41.926 | 0.927 | 0.0 | 38.324 | 0.775 | 0.0 | 36.293 | 1.205 |
| 31 | 17777 | 17778 | NS | 1 | 0.0 | 46.978 | 5.402 | 0.0 | 49.329 | 7.392 | 0.0 | 42.066 | 4.979 | 0.0 | 49.917 | 6.042 | 0.0 | 47.119 | 5.311 | 0.0 | 50.31 | 7.463 | 0.0 | 42.782 | 4.922 | 0.0 | 47.71 | 5.857 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 32 | 17777 | 17778 | NS | 1 | 0.0 | 46.45 | 1.383 | 0.0 | 51.777 | 1.998 | 0.0 | 43.211 | 1.292 | 0.0 | 46.254 | 1.863 | 0.0 | 47.394 | 1.444 | 0.0 | 54.535 | 1.887 | 0.0 | 45.623 | 1.283 | 0.0 | 42.244 | 1.693 |
| 33 | 17777 | 17778 | SN | 1 | 0.0 | 38.281 | 2.488 | 0.0 | 53.608 | 3.721 | 0.0 | 39.869 | 2.592 | 0.0 | 44.3 | 4.299 | 0.0 | 37.994 | 2.394 | 0.0 | 53.137 | 3.43 | 0.0 | 39.065 | 2.36 | 0.0 | 41.513 | 3.767 |
| 34 | 17777 | 17778 | SN | 1 | 0.0 | 35.884 | 2.44 | 0.0 | 51.571 | 3.616 | 0.0 | 39.8 | 2.461 | 0.0 | 46.537 | 4.143 | 0.0 | 35.89 | 2.339 | 0.0 | 51.098 | 3.291 | 0.0 | 38.885 | 2.291 | 0.0 | 43.751 | 3.58 |
| 35 | 17777 | 17778 | SN | 1 | 0.0 | 39.974 | 0.629 | 0.0 | 42.133 | 1.053 | 0.0 | 38.953 | 0.814 | 0.0 | 44.032 | 1.469 | 0.0 | 40.698 | 0.64 | 0.0 | 41.926 | 0.94 | 0.0 | 36.539 | 0.775 | 0.0 | 43.283 | 1.232 |
| 36 | 17777 | 17778 | SN | 1 | 0.0 | 39.97 | 0.618 | 0.0 | 42.133 | 1.096 | 0.0 | 38.307 | 0.846 | 0.0 | 39.405 | 1.486 | 0.0 | 40.694 | 0.616 | 0.0 | 41.926 | 0.948 | 0.0 | 38.324 | 0.79 | 0.0 | 36.293 | 1.226 |
| 37 | 17777 | 17778 | SN | 1 | 0.0 | 38.281 | 2.44 | 0.0 | 53.608 | 3.636 | 0.0 | 39.869 | 2.553 | 0.0 | 44.3 | 4.221 | 0.0 | 37.994 | 2.339 | 0.0 | 53.137 | 3.352 | 0.0 | 38.958 | 2.34 | 0.0 | 41.513 | 3.716 |
| 38 | 17778 | 17779 | NS | 1 | 0.0 | 49.554 | 3.747 | 0.0 | 53.967 | 4.026 | 0.0 | 44.753 | 3.5 | 0.0 | 42.575 | 4.624 | 0.0 | 49.545 | 3.717 | 0.0 | 54.557 | 3.61 | 0.0 | 46.014 | 3.394 | 0.0 | 41.549 | 3.962 |
| 39 | 17778 | 17779 | SN | 1 | 0.0 | 39.418 | 3.402 | 0.0 | 41.245 | 3.989 | 0.0 | 39.161 | 3.399 | 0.0 | 46.91 | 5.319 | 0.0 | 39.138 | 3.392 | 0.0 | 40.568 | 3.621 | 0.0 | 38.021 | 3.495 | 0.0 | 44.099 | 4.832 |
| 40 | 17778 | 17779 | SN | 1 | 0.0 | 38.217 | 0.739 | 0.0 | 41.17 | 1.104 | 0.0 | 37.527 | 1.143 | 0.0 | 38.081 | 1.869 | 0.0 | 38.855 | 0.775 | 0.0 | 40.285 | 0.976 | 0.0 | 38.311 | 1.056 | 0.0 | 36.777 | 1.579 |
| 41 | 17778 | 17779 | NS | 1 | 0.0 | 47.47 | 3.737 | 0.0 | 53.904 | 4.047 | 0.0 | 44.775 | 3.536 | 0.0 | 43.039 | 4.653 | 0.0 | 48.527 | 3.676 | 0.0 | 54.494 | 3.681 | 0.0 | 46.034 | 3.415 | 0.0 | 42.536 | 3.912 |
| 42 | 17778 | 17779 | SN | 1 | 0.0 | 38.217 | 0.739 | 0.0 | 41.17 | 1.104 | 0.0 | 37.527 | 1.143 | 0.0 | 38.081 | 1.869 | 0.0 | 38.855 | 0.775 | 0.0 | 40.285 | 0.976 | 0.0 | 38.311 | 1.056 | 0.0 | 36.777 | 1.579 |
| 43 | 17778 | 17779 | SN | 1 | 0.0 | 39.418 | 3.269 | 0.0 | 41.245 | 3.878 | 0.0 | 39.161 | 3.304 | 0.0 | 37.991 | 5.171 | 0.0 | 39.138 | 3.269 | 0.0 | 40.568 | 3.513 | 0.0 | 38.021 | 3.361 | 0.0 | 36.31 | 4.666 |
| 44 | 17778 | 17779 | SN | 1 | 0.0 | 39.418 | 3.269 | 0.0 | 41.245 | 3.878 | 0.0 | 39.161 | 3.304 | 0.0 | 37.991 | 5.171 | 0.0 | 39.138 | 3.269 | 0.0 | 40.568 | 3.513 | 0.0 | 38.021 | 3.361 | 0.0 | 36.31 | 4.666 |
| 45 | 17778 | 17779 | SN | 1 | 0.0 | 38.217 | 0.767 | 0.0 | 41.17 | 1.143 | 0.0 | 37.527 | 1.177 | 0.0 | 38.081 | 1.92 | 0.0 | 38.855 | 0.804 | 0.0 | 40.285 | 1.009 | 0.0 | 38.311 | 1.094 | 0.0 | 36.777 | 1.63 |
| 46 | 17778 | 17779 | NS | 1 | 0.0 | 45.584 | 0.956 | 0.0 | 45.024 | 1.111 | 0.0 | 44.733 | 0.978 | 0.0 | 37.504 | 1.487 | 0.0 | 44.535 | 0.963 | 0.0 | 47.977 | 1.043 | 0.0 | 42.697 | 0.95 | 0.0 | 41.002 | 1.19 |
| 47 | 17778 | 17779 | NS | 1 | 0.0 | 45.582 | 0.947 | 0.0 | 44.223 | 1.12 | 0.0 | 43.697 | 0.971 | 0.0 | 45.09 | 1.474 | 0.0 | 44.535 | 0.959 | 0.0 | 43.903 | 1.05 | 0.0 | 41.66 | 0.948 | 0.0 | 45.709 | 1.176 |
| 48 | 17779 | 17780 | NS | 1 | 0.0 | 47.532 | 1.378 | 0.0 | 49.181 | 1.801 | 0.0 | 39.159 | 1.416 | 0.0 | 47.511 | 2.206 | 0.0 | 46.896 | 1.374 | 0.0 | 48.6 | 1.734 | 0.0 | 37.266 | 1.492 | 0.0 | 43.701 | 2.075 |
| 49 | 17779 | 17780 | NS | 1 | 0.0 | 46.772 | 5.056 | 0.0 | 52.465 | 6.136 | 0.0 | 47.202 | 4.787 | 0.0 | 46.735 | 6.764 | 0.0 | 46.066 | 5.056 | 0.0 | 52.423 | 5.993 | 0.0 | 47.713 | 4.822 | 0.0 | 47.487 | 6.543 |
| 50 | 17779 | 17780 | SN | 1 | 0.0 | 42.45 | 1.105 | 0.0 | 41.995 | 1.278 | 0.0 | 40.211 | 1.273 | 0.0 | 37.628 | 1.681 | 0.0 | 42.45 | 1.102 | 0.0 | 40.99 | 1.251 | 0.0 | 40.259 | 1.252 | 0.0 | 37.013 | 1.531 |
| 51 | 17779 | 17780 | SN | 1 | 0.0 | 42.765 | 1.111 | 0.0 | 41.995 | 1.278 | 0.0 | 40.134 | 1.266 | 0.0 | 40.157 | 1.671 | 0.0 | 42.765 | 1.107 | 0.0 | 40.99 | 1.247 | 0.0 | 40.287 | 1.23 | 0.0 | 40.036 | 1.515 |
| 52 | 17779 | 17780 | SN | 1 | 0.0 | 44.506 | 4.395 | 0.0 | 42.232 | 4.665 | 0.0 | 42.904 | 4.413 | 0.0 | 43.839 | 5.533 | 0.0 | 44.222 | 4.427 | 0.0 | 42.007 | 4.472 | 0.0 | 43.479 | 4.406 | 0.0 | 46.987 | 5.074 |
| 53 | 17779 | 17780 | NS | 1 | 0.0 | 47.532 | 1.393 | 0.0 | 52.046 | 1.916 | 0.0 | 41.023 | 1.449 | 0.0 | 42.892 | 2.144 | 0.0 | 46.772 | 1.424 | 0.0 | 50.339 | 1.783 | 0.0 | 38.918 | 1.456 | 0.0 | 40.693 | 2.093 |
| 54 | 17779 | 17780 | NS | 1 | 0.0 | 48.69 | 4.875 | 0.0 | 52.945 | 6.446 | 0.0 | 42.453 | 4.674 | 0.0 | 49.939 | 6.569 | 0.0 | 48.27 | 5.047 | 0.0 | 52.598 | 6.121 | 0.0 | 44.387 | 4.837 | 0.0 | 49.055 | 6.363 |
| 55 | 17779 | 17780 | SN | 1 | 0.0 | 44.506 | 4.163 | 0.0 | 42.232 | 4.437 | 0.0 | 42.904 | 4.172 | 0.0 | 43.839 | 5.299 | 0.0 | 44.222 | 4.194 | 0.0 | 42.007 | 4.254 | 0.0 | 43.479 | 4.172 | 0.0 | 46.987 | 4.83 |
| 56 | 17779 | 17780 | SN | 1 | 0.0 | 44.503 | 4.173 | 0.0 | 40.92 | 4.437 | 0.0 | 42.827 | 4.101 | 0.0 | 43.692 | 5.271 | 0.0 | 44.217 | 4.194 | 0.0 | 41.879 | 4.254 | 0.0 | 43.401 | 4.051 | 0.0 | 46.896 | 4.851 |
| 57 | 17779 | 17780 | SN | 1 | 0.0 | 42.45 | 1.164 | 0.0 | 41.995 | 1.348 | 0.0 | 40.211 | 1.337 | 0.0 | 37.628 | 1.761 | 0.0 | 42.45 | 1.164 | 0.0 | 40.99 | 1.32 | 0.0 | 40.259 | 1.316 | 0.0 | 37.013 | 1.613 |
| 58 | 17780 | 17781 | SN | 1 | 0.0 | 46.469 | 5.176 | 0.0 | 49.773 | 5.758 | 0.0 | 44.182 | 4.555 | 0.0 | 49.717 | 6.09 | 0.0 | 48.365 | 5.297 | 0.0 | 49.482 | 5.108 | 0.0 | 43.919 | 4.647 | 0.0 | 47.988 | 5.571 |
| 59 | 17780 | 17781 | NS | 1 | 0.0 | 42.137 | 5.229 | 0.0 | 47.216 | 7.141 | 0.0 | 46.917 | 5.384 | 0.0 | 43.851 | 7.011 | 0.0 | 43.43 | 5.33 | 0.0 | 47.068 | 6.836 | 0.0 | 46.94 | 5.313 | 0.0 | 42.379 | 6.769 |
| 60 | 17780 | 17781 | NS | 1 | 0.0 | 43.585 | 5.3 | 0.0 | 47.204 | 7.152 | 0.0 | 46.871 | 5.419 | 0.0 | 43.143 | 7.082 | 0.0 | 44.878 | 5.402 | 0.0 | 47.06 | 6.836 | 0.0 | 46.893 | 5.362 | 0.0 | 41.738 | 6.769 |
| 61 | 17780 | 17781 | SN | 1 | 0.0 | 47.18 | 1.497 | 0.0 | 48.039 | 1.683 | 0.0 | 36.915 | 1.321 | 0.0 | 43.263 | 1.799 | 0.0 | 48.103 | 1.515 | 0.0 | 48.291 | 1.541 | 0.0 | 37.405 | 1.26 | 0.0 | 39.198 | 1.6 |
| 62 | 17780 | 17781 | SN | 1 | 0.0 | 44.484 | 1.49 | 0.0 | 46.473 | 1.687 | 0.0 | 38.361 | 1.321 | 0.0 | 43.42 | 1.795 | 0.0 | 45.215 | 1.501 | 0.0 | 46.725 | 1.543 | 0.0 | 36.983 | 1.266 | 0.0 | 38.915 | 1.593 |
| 63 | 17780 | 17781 | SN | 1 | 0.0 | 47.578 | 5.166 | 0.0 | 49.773 | 5.758 | 0.0 | 44.182 | 4.548 | 0.0 | 49.717 | 6.126 | 0.0 | 48.365 | 5.297 | 0.0 | 49.551 | 5.098 | 0.0 | 43.919 | 4.619 | 0.0 | 47.988 | 5.592 |
| 64 | 17780 | 17781 | SN | 1 | 0.0 | 47.578 | 5.59 | 0.0 | 49.773 | 6.139 | 0.0 | 44.182 | 4.894 | 0.0 | 49.717 | 6.441 | 0.0 | 48.365 | 5.721 | 0.0 | 49.551 | 5.492 | 0.0 | 43.919 | 4.986 | 0.0 | 47.988 | 5.956 |
| 65 | 17780 | 17781 | SN | 1 | 0.0 | 44.484 | 1.622 | 0.0 | 48.039 | 1.814 | 0.0 | 36.915 | 1.416 | 0.0 | 43.263 | 1.91 | 0.0 | 45.215 | 1.637 | 0.0 | 48.291 | 1.663 | 0.0 | 37.405 | 1.359 | 0.0 | 39.198 | 1.721 |
| 66 | 17780 | 17781 | NS | 1 | 0.0 | 37.434 | 1.324 | 0.0 | 40.833 | 1.946 | 0.0 | 42.095 | 1.626 | 0.0 | 43.485 | 2.377 | 0.0 | 37.936 | 1.333 | 0.0 | 38.513 | 1.869 | 0.0 | 42.94 | 1.604 | 0.0 | 42.487 | 2.203 |
| 67 | 17780 | 17781 | NS | 1 | 0.0 | 39.985 | 1.329 | 0.0 | 40.893 | 1.955 | 0.0 | 42.051 | 1.601 | 0.0 | 42.881 | 2.391 | 0.0 | 40.306 | 1.336 | 0.0 | 38.531 | 1.88 | 0.0 | 42.893 | 1.603 | 0.0 | 41.778 | 2.212 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 17781 | 17782 | SN | 1 | 0.0 | 52.268 | 4.931 | 0.0 | 51.681 | 6.064 | 0.0 | 46.791 | 3.759 | 0.0 | 44.164 | 5.203 | 0.0 | 53.067 | 5.012 | 0.0 | 49.203 | 5.83 | 0.0 | 47.171 | 3.752 | 0.0 | 42.387 | 4.776 |
| 69 | 17781 | 17782 | SN | 1 | 0.0 | 46.688 | 1.172 | 0.0 | 43.536 | 1.528 | 0.0 | 40.329 | 1.056 | 0.0 | 41.427 | 1.496 | 0.0 | 47.479 | 1.145 | 0.0 | 42.618 | 1.421 | 0.0 | 40.021 | 1.06 | 0.0 | 38.382 | 1.331 |
| 70 | 17781 | 17782 | NS | 1 | 0.0 | 49.679 | 2.905 | 0.0 | 42.45 | 3.842 | 0.0 | 43.038 | 3.11 | 0.0 | 45.319 | 3.569 | 0.0 | 51.606 | 2.966 | 0.0 | 41.278 | 3.802 | 0.0 | 42.859 | 3.081 | 0.0 | 44.071 | 3.291 |
| 71 | 17781 | 17782 | SN | 1 | 0.0 | 46.688 | 1.288 | 0.0 | 43.536 | 1.63 | 0.0 | 40.329 | 1.15 | 0.0 | 41.427 | 1.603 | 0.0 | 47.479 | 1.26 | 0.0 | 42.618 | 1.519 | 0.0 | 40.021 | 1.158 | 0.0 | 38.382 | 1.435 |
| 72 | 17781 | 17782 | NS | 1 | 0.0 | 41.031 | 0.683 | 0.0 | 47.33 | 1.063 | 0.0 | 36.322 | 0.84 | 0.0 | 43.899 | 1.136 | 0.0 | 42.539 | 0.687 | 0.0 | 46.39 | 0.918 | 0.0 | 36.932 | 0.812 | 0.0 | 43.337 | 1.048 |
| 73 | 17781 | 17782 | NS | 1 | 0.0 | 49.679 | 2.885 | 0.0 | 42.45 | 3.771 | 0.0 | 45.38 | 3.117 | 0.0 | 44.691 | 3.569 | 0.0 | 51.606 | 2.966 | 0.0 | 41.508 | 3.771 | 0.0 | 44.921 | 3.067 | 0.0 | 43.443 | 3.255 |
| 74 | 17781 | 17782 | NS | 1 | 0.0 | 41.02 | 0.696 | 0.0 | 46.529 | 1.063 | 0.0 | 36.642 | 0.849 | 0.0 | 44.24 | 1.142 | 0.0 | 42.529 | 0.703 | 0.0 | 45.254 | 0.916 | 0.0 | 36.4 | 0.828 | 0.0 | 43.675 | 1.039 |
| 75 | 17781 | 17782 | SN | 1 | 0.0 | 52.225 | 5.326 | 0.0 | 50.123 | 6.478 | 0.0 | 48.297 | 3.979 | 0.0 | 45.606 | 5.417 | 0.0 | 53.023 | 5.495 | 0.0 | 49.202 | 6.263 | 0.0 | 46.797 | 4.002 | 0.0 | 43.343 | 5.044 |
| 76 | 17781 | 17782 | SN | 1 | 0.0 | 49.987 | 1.149 | 0.0 | 43.655 | 1.51 | 0.0 | 40.477 | 1.092 | 0.0 | 40.228 | 1.532 | 0.0 | 50.774 | 1.127 | 0.0 | 44.176 | 1.406 | 0.0 | 40.165 | 1.069 | 0.0 | 40.105 | 1.359 |
| 77 | 17781 | 17782 | SN | 1 | 0.0 | 52.225 | 4.911 | 0.0 | 50.123 | 6.176 | 0.0 | 48.297 | 3.667 | 0.0 | 45.606 | 5.146 | 0.0 | 53.023 | 5.073 | 0.0 | 49.202 | 5.891 | 0.0 | 46.797 | 3.66 | 0.0 | 43.343 | 4.755 |
| 78 | 17782 | 17783 | NS | 1 | 0.0 | 44.229 | 1.035 | 0.0 | 44.982 | 1.28 | 0.0 | 36.059 | 1.222 | 0.0 | 45.813 | 1.776 | 0.0 | 44.233 | 1.033 | 0.0 | 41.659 | 1.149 | 0.0 | 35.805 | 1.131 | 0.0 | 44.134 | 1.495 |
| 79 | 17782 | 17783 | SN | 1 | 0.0 | 42.134 | 0.886 | 0.0 | 44.728 | 1.078 | 0.0 | 45.245 | 1.019 | 0.0 | 40.044 | 1.351 | 0.0 | 41.484 | 0.875 | 0.0 | 43.819 | 0.969 | 0.0 | 45.372 | 0.97 | 0.0 | 38.659 | 1.209 |
| 80 | 17782 | 17783 | SN | 1 | 0.0 | 44.297 | 3.635 | 0.0 | 45.386 | 4.317 | 0.0 | 47.467 | 3.447 | 0.0 | 42.035 | 4.285 | 0.0 | 45.215 | 3.574 | 0.0 | 45.079 | 4.236 | 0.0 | 46.928 | 3.376 | 0.0 | 38.991 | 3.808 |
| 81 | 17782 | 17783 | NS | 1 | 0.0 | 41.514 | 3.748 | 0.0 | 50.335 | 4.798 | 0.0 | 47.199 | 4.071 | 0.0 | 44.581 | 5.1 | 0.0 | 42.461 | 3.759 | 0.0 | 50.653 | 4.371 | 0.0 | 47.881 | 3.893 | 0.0 | 44.872 | 4.502 |
| 82 | 17783 | 17784 | NS | 1 | 0.0 | 53.255 | 2.579 | 0.0 | 44.58 | 3.599 | 0.0 | 41.215 | 3.109 | 0.0 | 45.268 | 3.947 | 0.0 | 54.028 | 2.529 | 0.0 | 45.107 | 3.325 | 0.0 | 40.787 | 3.066 | 0.0 | 45.433 | 3.698 |
| 83 | 17783 | 17784 | NS | 1 | 0.0 | 53.255 | 2.569 | 0.0 | 44.554 | 3.599 | 0.0 | 41.215 | 3.095 | 0.0 | 45.268 | 3.862 | 0.0 | 54.028 | 2.519 | 0.0 | 45.107 | 3.335 | 0.0 | 40.787 | 3.066 | 0.0 | 45.433 | 3.648 |
| 84 | 17783 | 17784 | SN | 1 | 0.0 | 47.38 | 4.605 | 0.0 | 49.727 | 4.64 | 0.0 | 45.083 | 4.304 | 0.0 | 47.383 | 4.495 | 0.0 | 47.757 | 4.565 | 0.0 | 47.144 | 4.538 | 0.0 | 43.455 | 4.397 | 0.0 | 48.36 | 4.438 |
| 85 | 17783 | 17784 | NS | 1 | 0.0 | 50.576 | 0.818 | 0.0 | 51.939 | 1.123 | 0.0 | 37.419 | 1.053 | 0.0 | 38.751 | 1.389 | 0.0 | 52.836 | 0.791 | 0.0 | 49.936 | 1.033 | 0.0 | 36.612 | 1.016 | 0.0 | 34.164 | 1.171 |
| 86 | 17783 | 17784 | NS | 1 | 0.0 | 50.576 | 0.812 | 0.0 | 44.724 | 1.121 | 0.0 | 38.353 | 1.051 | 0.0 | 38.751 | 1.38 | 0.0 | 52.836 | 0.787 | 0.0 | 42.023 | 1.033 | 0.0 | 36.708 | 1.014 | 0.0 | 34.751 | 1.136 |
| 87 | 17783 | 17784 | SN | 1 | 0.0 | 51.062 | 1.187 | 0.0 | 41.209 | 1.423 | 0.0 | 43.234 | 1.157 | 0.0 | 41.385 | 1.595 | 0.0 | 49.663 | 1.19 | 0.0 | 40.668 | 1.346 | 0.0 | 41.956 | 1.114 | 0.0 | 41.314 | 1.399 |
| 88 | 17784 | 17785 | NS | 1 | 0.0 | 39.039 | 0.843 | 0.0 | 42.542 | 1.013 | 0.0 | 43.663 | 0.87 | 0.0 | 39.894 | 1.299 | 0.0 | 38.051 | 0.813 | 0.0 | 39.911 | 0.931 | 0.0 | 41.612 | 0.844 | 0.0 | 35.538 | 1.085 |
| 89 | 17784 | 17785 | SN | 1 | 0.0 | 47.898 | 1.19 | 0.0 | 46.767 | 1.633 | 0.0 | 38.711 | 1.228 | 0.0 | 44.12 | 1.736 | 0.0 | 48.521 | 1.221 | 0.0 | 46.312 | 1.576 | 0.0 | 37.955 | 1.251 | 0.0 | 44.184 | 1.587 |
| 90 | 17784 | 17785 | NS | 1 | 0.0 | 41.603 | 2.62 | 0.0 | 46.467 | 3.175 | 0.0 | 44.943 | 2.887 | 0.0 | 40.338 | 3.542 | 0.0 | 41.618 | 2.63 | 0.0 | 46.039 | 3.093 | 0.0 | 44.819 | 2.788 | 0.0 | 41.06 | 3.3 |
| 91 | 17784 | 17785 | NS | 1 | 0.0 | 41.603 | 2.592 | 0.0 | 46.467 | 3.183 | 0.0 | 44.943 | 2.888 | 0.0 | 40.338 | 3.552 | 0.0 | 41.618 | 2.602 | 0.0 | 46.039 | 3.101 | 0.0 | 44.819 | 2.795 | 0.0 | 41.06 | 3.309 |
| 92 | 17784 | 17785 | SN | 1 | 0.0 | 47.892 | 4.352 | 0.0 | 48.081 | 5.178 | 0.0 | 44.376 | 4.29 | 0.0 | 48.016 | 5.512 | 0.0 | 47.461 | 4.493 | 0.0 | 47.597 | 4.873 | 0.0 | 42.375 | 4.269 | 0.0 | 49.972 | 5.392 |
| 93 | 17784 | 17785 | NS | 1 | 0.0 | 39.039 | 0.838 | 0.0 | 42.542 | 1.008 | 0.0 | 43.663 | 0.87 | 0.0 | 39.894 | 1.292 | 0.0 | 38.051 | 0.809 | 0.0 | 39.911 | 0.927 | 0.0 | 41.612 | 0.841 | 0.0 | 35.538 | 1.079 |
| 94 | 17785 | 17786 | NS | 1 | 0.0 | 40.712 | 0.845 | 0.0 | 37.44 | 1.181 | 0.0 | 41.306 | 1.022 | 0.0 | 49.156 | 1.64 | 0.0 | 39.478 | 0.809 | 0.0 | 37.021 | 1.073 | 0.0 | 41.364 | 1.031 | 0.0 | 45.775 | 1.415 |
| 95 | 17785 | 17786 | NS | 1 | 0.0 | 41.543 | 2.681 | 0.0 | 37.878 | 3.846 | 0.0 | 46.484 | 3.507 | 0.0 | 49.51 | 4.462 | 0.0 | 42.531 | 2.65 | 0.0 | 39.715 | 3.5 | 0.0 | 45.372 | 3.307 | 0.0 | 46.749 | 4.155 |
| 96 | 17785 | 17786 | NS | 1 | 0.0 | 40.896 | 2.69 | 0.0 | 38.964 | 3.957 | 0.0 | 46.484 | 3.514 | 0.0 | 49.51 | 4.54 | 0.0 | 42.531 | 2.669 | 0.0 | 40.566 | 3.57 | 0.0 | 45.372 | 3.367 | 0.0 | 46.749 | 4.276 |
| 97 | 17785 | 17786 | NS | 1 | 0.0 | 40.712 | 0.848 | 0.0 | 41.822 | 1.226 | 0.0 | 41.306 | 1.084 | 0.0 | 49.156 | 1.718 | 0.0 | 39.478 | 0.83 | 0.0 | 42.845 | 1.11 | 0.0 | 41.364 | 1.073 | 0.0 | 45.775 | 1.492 |
| 98 | 17785 | 17786 | SN | 1 | 0.0 | 44.745 | 1.31 | 0.0 | 46.085 | 1.785 | 0.0 | 36.303 | 1.278 | 0.0 | 40.841 | 1.785 | 0.0 | 44.762 | 1.348 | 0.0 | 44.361 | 1.73 | 0.0 | 37.274 | 1.202 | 0.0 | 41.419 | 1.62 |
| 99 | 17785 | 17786 | SN | 1 | 0.0 | 50.398 | 5.509 | 0.0 | 50.889 | 6.692 | 0.0 | 45.496 | 4.69 | 0.0 | 44.687 | 5.913 | 0.0 | 49.745 | 5.55 | 0.0 | 49.99 | 6.408 | 0.0 | 45.228 | 4.555 | 0.0 | 43.28 | 5.578 |
| 100 | 17786 | 17787 | SN | 1 | 0.0 | 48.89 | 5.094 | 0.0 | 44.325 | 5.88 | 0.0 | 48.689 | 5.144 | 0.0 | 49.674 | 6.39 | 0.0 | 49.731 | 5.125 | 0.0 | 44.197 | 5.86 | 0.0 | 45.39 | 5.378 | 0.0 | 44.98 | 6.304 |
| 101 | 17786 | 17787 | NS | 1 | 0.0 | 46.951 | 4.259 | 0.0 | 49.379 | 6.008 | 0.0 | 44.919 | 4.239 | 0.0 | 43.819 | 5.35 | 0.0 | 48.771 | 4.128 | 0.0 | 49.988 | 5.388 | 0.0 | 44.503 | 4.063 | 0.0 | 41.748 | 5.044 |
| 102 | 17786 | 17787 | NS | 1 | 0.0 | 53.334 | 1.055 | 0.0 | 46.715 | 1.373 | 0.0 | 38.223 | 1.281 | 0.0 | 40.261 | 1.944 | 0.0 | 53.557 | 1.041 | 0.0 | 49.639 | 1.312 | 0.0 | 38.56 | 1.15 | 0.0 | 40.683 | 1.655 |
| 103 | 17786 | 17787 | NS | 1 | 0.0 | 51.492 | 4.019 | 0.0 | 48.146 | 5.611 | 0.0 | 44.919 | 4.153 | 0.0 | 43.171 | 5.057 | 0.0 | 51.834 | 3.928 | 0.0 | 48.755 | 5.032 | 0.0 | 45.094 | 3.997 | 0.0 | 40.824 | 4.701 |

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

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|-----|-------|-------|----|---|------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 17786 | 17787 | SN | 1 | 0.0 | 43.848 | 1.481 | 0.0 | 44.895 | 1.848 | 0.0 | 46.614 | 1.59 | 0.0 | 46.125 | 2.212 | 0.0 | 43.718 | 1.506 | 0.0 | 47.0 | 1.778 | 0.0 | 42.68 | 1.63 | 0.0 | 43.375 | 2.019 |
| 105 | 17786 | 17787 | NS | 1 | 0.0 | 50.208 | 1.096 | 0.0 | 47.754 | 1.472 | 0.0 | 37.295 | 1.322 | 0.0 | 40.261 | 2.073 | 0.0 | 50.894 | 1.074 | 0.0 | 50.679 | 1.399 | 0.0 | 38.56 | 1.187 | 0.0 | 40.683 | 1.777 |
| 106 | 17787 | 17788 | NS | 1 | 0.67 | 45.626 | 3.129 | 0.0 | 47.343 | 3.975 | 0.0 | 43.772 | 3.373 | 0.0 | 50.773 | 4.252 | 0.053 | 47.446 | 3.2 | 0.0 | 48.546 | 3.751 | 0.0 | 44.861 | 3.231 | 0.0 | 49.527 | 3.697 |
| 107 | 17787 | 17788 | NS | 1 | 0.0 | 45.084 | 0.947 | 0.0 | 46.941 | 1.436 | 0.0 | 40.347 | 1.011 | 0.0 | 43.823 | 1.417 | 0.0 | 45.937 | 0.937 | 0.0 | 45.726 | 1.297 | 0.0 | 38.89 | 0.954 | 0.0 | 41.524 | 1.195 |
| 108 | 17787 | 17788 | SN | 1 | 0.0 | 44.034 | 3.433 | 0.0 | 44.62 | 4.437 | 0.0 | 38.987 | 3.433 | 0.0 | 41.387 | 4.867 | 0.0 | 44.082 | 3.291 | 0.0 | 46.338 | 3.96 | 0.0 | 38.29 | 3.582 | 0.0 | 40.599 | 4.461 |
| 109 | 17787 | 17788 | NS | 1 | 0.0 | 45.084 | 0.882 | 0.0 | 46.941 | 1.269 | 0.0 | 40.347 | 0.968 | 0.0 | 43.823 | 1.263 | 0.0 | 45.937 | 0.877 | 0.0 | 45.726 | 1.147 | 0.0 | 38.89 | 0.925 | 0.0 | 41.524 | 1.055 |
| 110 | 17787 | 17788 | SN | 1 | 0.0 | 46.565 | 0.836 | 0.0 | 39.032 | 1.215 | 0.0 | 39.654 | 1.157 | 0.0 | 37.162 | 1.859 | 0.0 | 46.603 | 0.85 | 0.0 | 38.097 | 1.132 | 0.0 | 39.597 | 1.143 | 0.0 | 38.29 | 1.529 |
| 111 | 17787 | 17788 | NS | 1 | 0.0 | 45.626 | 3.25 | 0.0 | 47.343 | 4.501 | 0.0 | 38.279 | 3.525 | 0.0 | 50.773 | 4.764 | 0.0 | 47.446 | 3.354 | 0.0 | 48.546 | 4.248 | 0.0 | 41.285 | 3.355 | 0.0 | 49.527 | 4.102 |
| 112 | 17788 | 17789 | NS | 1 | 0.0 | 56.037 | 4.641 | 0.0 | 49.813 | 6.61 | 0.0 | 49.926 | 5.178 | 0.0 | 46.028 | 5.907 | 0.0 | 55.816 | 4.712 | 0.0 | 50.868 | 6.406 | 0.0 | 51.273 | 5.164 | 0.0 | 45.199 | 5.479 |
| 113 | 17788 | 17789 | SN | 1 | 0.0 | 48.783 | 0.645 | 0.0 | 44.837 | 0.9 | 0.0 | 36.531 | 0.887 | 0.0 | 41.769 | 1.126 | 0.0 | 49.263 | 0.667 | 0.0 | 41.73 | 0.782 | 0.0 | 34.831 | 0.788 | 0.0 | 37.504 | 0.959 |
| 114 | 17788 | 17789 | SN | 1 | 0.0 | 55.494 | 2.753 | 0.0 | 45.821 | 3.158 | 0.0 | 35.784 | 2.546 | 0.0 | 47.043 | 3.237 | 0.0 | 54.522 | 2.975 | 0.0 | 47.7 | 2.863 | 0.0 | 35.42 | 2.624 | 0.0 | 45.974 | 2.916 |
| 115 | 17788 | 17789 | NS | 1 | 0.0 | 47.547 | 1.608 | 0.0 | 49.898 | 2.22 | 0.0 | 40.341 | 1.559 | 0.0 | 42.915 | 1.991 | 0.0 | 47.996 | 1.566 | 0.0 | 49.061 | 2.089 | 0.0 | 42.974 | 1.483 | 0.0 | 42.837 | 1.729 |
| 116 | 17788 | 17789 | SN | 1 | 0.0 | 55.494 | 2.898 | 0.0 | 45.821 | 3.328 | 0.0 | 36.989 | 2.719 | 0.0 | 47.043 | 3.41 | 0.0 | 54.522 | 3.154 | 0.0 | 47.7 | 3.019 | 0.0 | 35.42 | 2.749 | 0.0 | 45.974 | 3.066 |
| 117 | 17788 | 17789 | NS | 1 | 0.0 | 47.547 | 1.399 | 0.0 | 49.898 | 1.912 | 0.0 | 40.341 | 1.445 | 0.0 | 47.937 | 1.775 | 0.0 | 47.996 | 1.366 | 0.0 | 49.061 | 1.792 | 0.0 | 42.974 | 1.376 | 0.0 | 45.62 | 1.51 |
| 118 | 17788 | 17789 | NS | 1 | 0.0 | 56.037 | 5.382 | 0.0 | 49.813 | 7.68 | 0.0 | 49.926 | 5.608 | 0.0 | 46.028 | 6.502 | 0.0 | 55.816 | 5.345 | 0.0 | 50.868 | 7.406 | 0.0 | 51.273 | 5.704 | 0.0 | 45.199 | 6.056 |
| 119 | 17788 | 17789 | SN | 1 | 0.0 | 48.783 | 0.615 | 0.0 | 44.837 | 0.854 | 0.0 | 36.531 | 0.835 | 0.0 | 41.769 | 1.073 | 0.0 | 49.263 | 0.635 | 0.0 | 41.73 | 0.741 | 0.0 | 34.865 | 0.741 | 0.0 | 37.504 | 0.912 |
| 120 | 17789 | 17790 | SN | 1 | 0.0 | 45.697 | 1.17 | 0.0 | 43.898 | 1.823 | 0.0 | 36.617 | 1.329 | 0.0 | 44.218 | 1.812 | 0.0 | 45.812 | 1.191 | 0.0 | 43.969 | 1.702 | 0.0 | 36.816 | 1.255 | 0.0 | 40.432 | 1.671 |
| 121 | 17789 | 17790 | SN | 1 | 0.0 | 54.275 | 4.801 | 0.0 | 48.508 | 5.594 | 0.0 | 47.609 | 4.13 | 0.0 | 43.423 | 5.449 | 0.0 | 53.59 | 4.882 | 0.0 | 49.734 | 5.737 | 0.0 | 45.794 | 4.002 | 0.0 | 42.544 | 5.129 |
| 122 | 17789 | 17790 | SN | 1 | 0.0 | 45.697 | 1.152 | 0.0 | 43.898 | 1.798 | 0.0 | 36.617 | 1.308 | 0.0 | 44.218 | 1.786 | 0.0 | 45.812 | 1.173 | 0.0 | 43.969 | 1.678 | 0.0 | 36.816 | 1.236 | 0.0 | 40.432 | 1.648 |
| 123 | 17789 | 17790 | NS | 1 | 0.0 | 45.346 | 4.381 | 0.0 | 46.823 | 5.305 | 0.0 | 46.364 | 4.155 | 0.0 | 50.058 | 5.249 | 0.0 | 46.173 | 4.267 | 0.0 | 47.433 | 4.984 | 0.0 | 46.628 | 3.995 | 0.0 | 46.953 | 4.732 |
| 124 | 17789 | 17790 | NS | 1 | 0.0 | 50.57 | 1.16 | 0.0 | 54.708 | 1.514 | 0.0 | 44.305 | 1.163 | 0.0 | 45.321 | 1.539 | 0.0 | 49.309 | 1.16 | 0.0 | 53.674 | 1.396 | 0.0 | 44.794 | 1.124 | 0.0 | 42.516 | 1.363 |
| 125 | 17789 | 17790 | NS | 1 | 0.0 | 50.52 | 4.367 | 0.0 | 48.792 | 5.217 | 0.0 | 47.341 | 4.034 | 0.0 | 50.377 | 4.959 | 0.0 | 49.864 | 4.316 | 0.0 | 48.543 | 4.861 | 0.0 | 48.626 | 3.92 | 0.0 | 49.923 | 4.339 |
| 126 | 17789 | 17790 | SN | 1 | 0.0 | 54.275 | 4.876 | 0.0 | 48.508 | 5.681 | 0.0 | 47.609 | 4.193 | 0.0 | 43.423 | 5.527 | 0.0 | 53.59 | 4.958 | 0.0 | 49.734 | 5.825 | 0.0 | 45.794 | 4.064 | 0.0 | 42.544 | 5.202 |
| 127 | 17789 | 17790 | NS | 1 | 0.0 | 40.952 | 1.208 | 0.0 | 45.833 | 1.602 | 0.0 | 43.697 | 1.228 | 0.0 | 45.355 | 1.629 | 0.0 | 41.44 | 1.214 | 0.0 | 46.247 | 1.443 | 0.0 | 43.681 | 1.179 | 0.0 | 44.992 | 1.427 |
| 128 | 17790 | 17791 | SN | 1 | 0.0 | 46.22 | 1.286 | 0.0 | 38.895 | 1.676 | 0.0 | 43.856 | 2.143 | 0.0 | 40.468 | 3.167 | 0.0 | 45.785 | 1.286 | 0.0 | 37.733 | 1.544 | 0.0 | 42.155 | 2.05 | 0.0 | 38.685 | 2.64 |
| 129 | 17790 | 17791 | SN | 1 | 0.0 | 40.289 | 0.608 | 0.0 | 48.078 | 0.78 | 0.0 | 36.842 | 0.768 | 0.0 | 39.184 | 1.314 | 0.0 | 40.615 | 0.598 | 0.0 | 48.776 | 0.682 | 0.0 | 36.559 | 0.721 | 0.0 | 37.466 | 1.076 |
| 130 | 17790 | 17791 | NS | 1 | 0.0 | 48.568 | 3.747 | 0.0 | 54.987 | 4.799 | 0.0 | 43.203 | 3.777 | 0.0 | 49.813 | 4.881 | 0.0 | 49.711 | 3.859 | 0.0 | 52.459 | 4.596 | 0.0 | 41.202 | 3.756 | 0.0 | 47.286 | 4.916 |
| 131 | 17790 | 17791 | NS | 1 | 0.0 | 48.568 | 3.737 | 0.0 | 54.987 | 4.769 | 0.0 | 43.203 | 3.763 | 0.0 | 49.813 | 4.831 | 0.0 | 49.711 | 3.869 | 0.0 | 52.46 | 4.575 | 0.0 | 41.194 | 3.749 | 0.0 | 47.286 | 4.845 |
| 132 | 17790 | 17791 | NS | 1 | 0.0 | 42.895 | 1.083 | 0.0 | 43.041 | 1.473 | 0.0 | 39.854 | 1.113 | 0.0 | 44.247 | 1.517 | 0.0 | 43.765 | 1.085 | 0.0 | 42.595 | 1.342 | 0.0 | 39.073 | 1.154 | 0.0 | 40.612 | 1.382 |
| 133 | 17790 | 17791 | NS | 1 | 0.0 | 43.028 | 1.08 | 0.0 | 43.042 | 1.473 | 0.0 | 39.854 | 1.111 | 0.0 | 44.247 | 1.521 | 0.0 | 43.9 | 1.089 | 0.0 | 42.597 | 1.346 | 0.0 | 40.405 | 1.154 | 0.0 | 40.612 | 1.38 |
| 134 | 17790 | 17791 | SN | 1 | 0.0 | 46.22 | 1.293 | 0.0 | 38.895 | 1.697 | 0.0 | 40.714 | 2.149 | 0.0 | 40.468 | 3.215 | 0.0 | 45.785 | 1.293 | 0.0 | 37.733 | 1.563 | 0.0 | 39.292 | 2.056 | 0.0 | 38.685 | 2.71 |
| 135 | 17790 | 17791 | SN | 1 | 0.0 | 46.22 | 1.303 | 0.0 | 38.895 | 1.697 | 0.0 | 43.856 | 2.171 | 0.0 | 40.468 | 3.2 | 0.0 | 45.785 | 1.303 | 0.0 | 37.733 | 1.563 | 0.0 | 42.155 | 2.077 | 0.0 | 38.685 | 2.667 |
| 136 | 17790 | 17791 | SN | 1 | 0.0 | 40.289 | 0.603 | 0.0 | 39.509 | 0.78 | 0.0 | 36.842 | 0.777 | 0.0 | 39.13 | 1.299 | 0.0 | 40.615 | 0.598 | 0.0 | 41.134 | 0.682 | 0.0 | 36.331 | 0.716 | 0.0 | 37.83 | 1.064 |
| 137 | 17790 | 17791 | SN | 1 | 0.0 | 40.289 | 0.595 | 0.0 | 39.509 | 0.77 | 0.0 | 36.842 | 0.766 | 0.0 | 39.13 | 1.284 | 0.0 | 40.615 | 0.591 | 0.0 | 41.134 | 0.673 | 0.0 | 36.331 | 0.706 | 0.0 | 37.83 | 1.052 |
| 138 | 17791 | 17792 | SN | 1 | 0.0 | 44.984 | 1.579 | 0.0 | 41.057 | 2.326 | 0.0 | 37.502 | 2.12 | 0.0 | 39.354 | 3.493 | 0.0 | 45.464 | 1.559 | 0.0 | 43.71 | 2.068 | 0.0 | 38.029 | 2.011 | 0.0 | 36.792 | 2.869 |
| 139 | 17791 | 17792 | SN | 1 | 0.0 | 41.405 | 0.4 | 0.0 | 37.354 | 0.72 | 0.0 | 35.409 | 0.664 | 0.0 | 40.774 | 1.199 | 0.0 | 41.877 | 0.416 | 0.0 | 37.848 | 0.635 | 0.0 | 37.432 | 0.624 | 0.0 | 37.552 | 0.966 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 140 | 17791 | 17792 | SN | 1 | 0.0 | 38.824 | 0.394 | 0.0 | 37.354 | 0.705 | 0.0 | 37.109 | 0.653 | 0.0 | 37.198 | 1.194 | 0.0 | 37.547 | 0.406 | 0.0 | 37.848 | 0.626 | 0.0 | 37.356 | 0.63 | 0.0 | 35.701 | 0.933 |
| 141 | 17791 | 17792 | SN | 1 | 0.0 | 41.293 | 1.549 | 0.0 | 41.057 | 2.326 | 0.0 | 40.638 | 2.093 | 0.0 | 39.354 | 3.465 | 0.0 | 41.911 | 1.519 | 0.0 | 43.71 | 2.051 | 0.0 | 41.165 | 1.979 | 0.0 | 36.792 | 2.832 |
| 142 | 17791 | 17792 | SN | 1 | 0.0 | 46.811 | 0.4 | 0.0 | 37.354 | 0.71 | 0.0 | 35.409 | 0.666 | 0.0 | 37.198 | 1.182 | 0.0 | 47.283 | 0.416 | 0.0 | 37.848 | 0.624 | 0.0 | 37.432 | 0.625 | 0.0 | 36.8 | 0.949 |
| 143 | 17791 | 17792 | SN | 1 | 0.0 | 50.39 | 1.579 | 0.0 | 41.057 | 2.286 | 0.0 | 37.727 | 2.113 | 0.0 | 39.354 | 3.423 | 0.0 | 48.92 | 1.559 | 0.0 | 43.71 | 2.032 | 0.0 | 38.253 | 2.011 | 0.0 | 36.792 | 2.818 |
| 144 | 17791 | 17792 | NS | 1 | 0.0 | 48.454 | 4.052 | 0.0 | 49.046 | 5.287 | 0.0 | 49.314 | 4.531 | 0.0 | 51.272 | 6.299 | 0.0 | 48.113 | 4.113 | 0.0 | 49.648 | 5.308 | 0.0 | 48.737 | 4.609 | 0.0 | 49.603 | 6.348 |
| 145 | 17791 | 17792 | NS | 1 | 0.0 | 45.466 | 1.225 | 0.0 | 46.418 | 1.712 | 0.0 | 43.087 | 1.452 | 0.0 | 44.843 | 2.084 | 0.0 | 46.556 | 1.182 | 0.0 | 47.123 | 1.701 | 0.0 | 40.618 | 1.468 | 0.0 | 45.393 | 1.986 |
| 146 | 17792 | 17793 | NS | 1 | 0.0 | 47.918 | 0.811 | 0.0 | 44.801 | 1.642 | 0.0 | 48.358 | 0.857 | 0.0 | 41.02 | 1.775 | 0.0 | 48.627 | 0.821 | 0.0 | 45.563 | 1.686 | 0.0 | 45.675 | 0.875 | 0.0 | 42.097 | 1.902 |
| 147 | 17792 | 17793 | NS | 1 | 0.0 | 43.336 | 3.591 | 0.0 | 53.562 | 5.614 | 0.0 | 47.906 | 2.954 | 0.0 | 38.434 | 5.416 | 0.0 | 42.521 | 3.733 | 0.0 | 54.289 | 5.541 | 0.0 | 48.278 | 3.035 | 0.0 | 36.174 | 5.67 |
| 148 | 17792 | 17793 | SN | 1 | 0.0 | 35.904 | 3.388 | 0.0 | 46.378 | 4.136 | 0.0 | 37.799 | 4.223 | 0.0 | 44.614 | 5.498 | 0.0 | 34.857 | 3.378 | 0.0 | 43.731 | 3.792 | 0.0 | 34.954 | 4.048 | 0.0 | 46.571 | 4.868 |
| 149 | 17792 | 17793 | NS | 1 | 0.877 | 48.206 | 3.393 | 0.0 | 48.506 | 4.198 | 0.0 | 47.009 | 2.932 | 0.0 | 45.058 | 3.797 | 0.88 | 48.972 | 3.454 | 0.0 | 50.889 | 4.097 | 0.0 | 47.783 | 2.918 | 0.0 | 45.81 | 3.597 |
| 150 | 17792 | 17793 | SN | 1 | 0.0 | 36.86 | 3.301 | 0.0 | 46.378 | 4.021 | 0.0 | 37.799 | 4.085 | 0.0 | 44.614 | 5.357 | 0.0 | 38.0 | 3.271 | 0.0 | 43.731 | 3.686 | 0.0 | 35.001 | 3.908 | 0.0 | 46.571 | 4.738 |
| 151 | 17792 | 17793 | SN | 1 | 0.0 | 38.03 | 0.945 | 0.0 | 43.573 | 1.278 | 0.0 | 38.117 | 1.278 | 0.0 | 38.725 | 1.988 | 0.0 | 36.745 | 0.94 | 0.0 | 41.02 | 1.138 | 0.0 | 34.56 | 1.161 | 0.0 | 38.957 | 1.604 |
| 152 | 17792 | 17793 | NS | 1 | 0.0 | 49.123 | 0.787 | 0.0 | 41.89 | 1.09 | 0.0 | 40.241 | 0.84 | 0.0 | 43.107 | 1.222 | 0.0 | 49.056 | 0.794 | 0.0 | 43.508 | 1.029 | 0.0 | 38.196 | 0.82 | 0.0 | 41.07 | 1.11 |
| 153 | 17792 | 17793 | SN | 1 | 0.0 | 38.03 | 0.913 | 0.0 | 43.573 | 1.242 | 0.0 | 38.117 | 1.239 | 0.0 | 38.725 | 1.934 | 0.0 | 36.745 | 0.913 | 0.0 | 41.02 | 1.107 | 0.0 | 34.56 | 1.127 | 0.0 | 38.957 | 1.563 |
| 154 | 17793 | 17794 | SN | 1 | 0.0 | 36.981 | 3.179 | 0.0 | 46.729 | 4.214 | 0.0 | 39.192 | 3.525 | 0.0 | 40.952 | 4.895 | 0.0 | 36.547 | 3.109 | 0.0 | 46.511 | 3.828 | 0.0 | 39.944 | 3.22 | 0.0 | 43.079 | 4.254 |
| 155 | 17793 | 17794 | SN | 1 | 0.0 | 36.981 | 3.2 | 0.0 | 46.729 | 4.173 | 0.0 | 38.697 | 3.504 | 0.0 | 40.853 | 4.973 | 0.0 | 36.547 | 3.119 | 0.0 | 46.511 | 3.797 | 0.0 | 39.874 | 3.199 | 0.0 | 43.066 | 4.297 |
| 156 | 17793 | 17794 | SN | 1 | 0.0 | 39.277 | 0.766 | 0.0 | 45.036 | 1.211 | 0.0 | 35.911 | 1.101 | 0.0 | 38.019 | 1.71 | 0.0 | 41.35 | 0.771 | 0.0 | 45.592 | 0.994 | 0.0 | 34.637 | 1.039 | 0.0 | 38.12 | 1.332 |
| 157 | 17793 | 17794 | SN | 1 | 0.0 | 39.351 | 0.76 | 0.0 | 44.688 | 1.202 | 0.0 | 36.092 | 1.122 | 0.0 | 37.968 | 1.719 | 0.0 | 41.426 | 0.764 | 0.0 | 45.244 | 1.001 | 0.0 | 34.967 | 1.049 | 0.0 | 38.07 | 1.33 |
| 158 | 17793 | 17794 | NS | 1 | 0.0 | 46.715 | 1.135 | 0.0 | 43.246 | 1.21 | 0.0 | 42.556 | 1.263 | 0.0 | 39.178 | 1.513 | 0.0 | 45.429 | 1.164 | 0.0 | 41.343 | 1.16 | 0.0 | 42.586 | 1.218 | 0.0 | 39.167 | 1.302 |
| 159 | 17793 | 17794 | NS | 1 | 0.0 | 42.92 | 1.132 | 0.0 | 41.593 | 1.22 | 0.0 | 34.971 | 1.145 | 0.0 | 36.65 | 1.428 | 0.0 | 41.964 | 1.128 | 0.0 | 41.884 | 1.186 | 0.0 | 36.525 | 1.097 | 0.0 | 37.962 | 1.315 |
| 160 | 17793 | 17794 | SN | 1 | 0.0 | 36.981 | 3.323 | 0.0 | 46.729 | 4.404 | 0.0 | 39.192 | 3.655 | 0.0 | 40.952 | 5.036 | 0.0 | 36.547 | 3.249 | 0.0 | 46.511 | 4.0 | 0.0 | 39.944 | 3.307 | 0.0 | 43.079 | 4.426 |
| 161 | 17793 | 17794 | SN | 1 | 0.0 | 39.277 | 0.805 | 0.0 | 45.036 | 1.267 | 0.0 | 37.131 | 1.143 | 0.0 | 38.019 | 1.765 | 0.0 | 41.35 | 0.81 | 0.0 | 45.592 | 1.041 | 0.0 | 36.143 | 1.088 | 0.0 | 38.12 | 1.378 |
| 162 | 17793 | 17794 | NS | 1 | 0.0 | 46.415 | 3.615 | 0.0 | 48.249 | 4.302 | 0.0 | 43.516 | 3.663 | 0.0 | 44.682 | 4.553 | 0.0 | 47.836 | 3.605 | 0.0 | 47.542 | 4.007 | 0.0 | 42.919 | 3.677 | 0.0 | 42.131 | 4.168 |
| 163 | 17793 | 17794 | NS | 1 | 0.557 | 48.698 | 3.332 | 0.0 | 46.565 | 4.249 | 0.0 | 44.654 | 3.629 | 0.0 | 40.74 | 4.431 | 0.172 | 48.957 | 3.352 | 0.0 | 46.166 | 3.954 | 0.0 | 44.993 | 3.58 | 0.0 | 39.348 | 4.003 |
| 164 | 17794 | 17795 | SN | 1 | 0.0 | 49.857 | 5.247 | 0.0 | 47.45 | 6.072 | 0.0 | 45.087 | 4.137 | 0.0 | 40.411 | 5.641 | 0.0 | 49.941 | 5.388 | 0.0 | 49.302 | 5.849 | 0.0 | 45.516 | 3.98 | 0.0 | 39.279 | 4.851 |
| 165 | 17794 | 17795 | NS | 1 | 0.0 | 49.391 | 5.626 | 0.0 | 52.516 | 6.956 | 0.0 | 42.041 | 5.136 | 0.0 | 40.794 | 6.719 | 0.0 | 48.776 | 5.839 | 0.0 | 53.31 | 6.783 | 0.0 | 41.513 | 5.399 | 0.0 | 42.421 | 6.52 |
| 166 | 17794 | 17795 | SN | 1 | 0.0 | 45.499 | 1.247 | 0.0 | 50.548 | 1.653 | 0.0 | 38.164 | 1.16 | 0.0 | 46.627 | 1.673 | 0.0 | 46.307 | 1.26 | 0.0 | 52.964 | 1.477 | 0.0 | 36.916 | 1.162 | 0.0 | 51.231 | 1.421 |
| 167 | 17794 | 17795 | SN | 1 | 0.0 | 49.857 | 5.247 | 0.0 | 47.45 | 6.072 | 0.0 | 45.087 | 4.137 | 0.0 | 40.411 | 5.648 | 0.0 | 49.941 | 5.388 | 0.0 | 49.302 | 5.849 | 0.0 | 45.516 | 3.98 | 0.0 | 39.279 | 4.851 |
| 168 | 17794 | 17795 | NS | 1 | 0.0 | 50.793 | 5.656 | 0.0 | 52.47 | 6.956 | 0.0 | 45.021 | 5.207 | 0.0 | 43.413 | 6.691 | 0.0 | 50.179 | 5.849 | 0.0 | 53.261 | 6.885 | 0.0 | 42.911 | 5.342 | 0.0 | 42.481 | 6.399 |
| 169 | 17794 | 17795 | SN | 1 | 0.0 | 45.499 | 1.332 | 0.0 | 50.548 | 1.762 | 0.0 | 38.164 | 1.228 | 0.0 | 46.627 | 1.76 | 0.0 | 46.307 | 1.347 | 0.0 | 52.964 | 1.575 | 0.0 | 36.916 | 1.232 | 0.0 | 51.231 | 1.508 |
| 170 | 17794 | 17795 | SN | 1 | 0.0 | 45.499 | 1.247 | 0.0 | 50.548 | 1.653 | 0.0 | 38.164 | 1.16 | 0.0 | 46.627 | 1.673 | 0.0 | 46.307 | 1.26 | 0.0 | 52.964 | 1.477 | 0.0 | 36.916 | 1.162 | 0.0 | 51.231 | 1.421 |
| 171 | 17794 | 17795 | SN | 1 | 0.0 | 49.857 | 5.599 | 0.0 | 47.45 | 6.462 | 0.0 | 45.087 | 4.385 | 0.0 | 40.411 | 5.981 | 0.0 | 49.941 | 5.75 | 0.0 | 49.302 | 6.224 | 0.0 | 45.516 | 4.226 | 0.0 | 39.279 | 5.176 |
| 172 | 17794 | 17795 | NS | 1 | 0.0 | 48.59 | 1.465 | 0.0 | 44.656 | 1.993 | 0.0 | 41.619 | 1.585 | 0.0 | 43.95 | 2.205 | 0.0 | 49.821 | 1.485 | 0.0 | 43.801 | 1.88 | 0.0 | 39.607 | 1.576 | 0.0 | 40.094 | 1.97 |
| 173 | 17794 | 17795 | NS | 1 | 0.0 | 49.263 | 1.435 | 0.0 | 44.654 | 2.009 | 0.0 | 37.813 | 1.58 | 0.0 | 44.077 | 2.246 | 0.0 | 50.495 | 1.501 | 0.0 | 43.802 | 1.912 | 0.0 | 36.614 | 1.626 | 0.0 | 38.275 | 2.022 |
| 174 | 17795 | 17796 | SN | 1 | 0.0 | 49.473 | 6.158 | 0.0 | 49.12 | 6.266 | 0.0 | 51.357 | 4.824 | 0.0 | 46.718 | 5.522 | 0.0 | 49.731 | 6.279 | 0.0 | 51.575 | 5.921 | 0.0 | 50.854 | 4.64 | 0.0 | 46.852 | 5.202 |
| 175 | 17795 | 17796 | SN | 1 | 0.0 | 49.855 | 6.198 | 0.0 | 48.752 | 6.266 | 0.0 | 48.536 | 4.775 | 0.0 | 47.032 | 5.522 | 0.0 | 50.109 | 6.33 | 0.0 | 51.206 | 5.951 | 0.0 | 50.836 | 4.562 | 0.0 | 47.168 | 5.237 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 176 | 17795 | 17796 | SN | 1 | 0.0 | 43.454 | 1.634 | 0.0 | 45.341 | 1.909 | 0.0 | 44.994 | 1.207 | 0.0 | 43.26 | 1.666 | 0.0 | 44.612 | 1.662 | 0.0 | 45.943 | 1.81 | 0.0 | 44.495 | 1.19 | 0.0 | 40.741 | 1.478 |
| 177 | 17795 | 17796 | NS | 1 | 0.0 | 50.721 | 2.457 | 0.0 | 37.965 | 3.345 | 0.0 | 39.04 | 2.696 | 0.0 | 40.254 | 3.328 | 0.0 | 48.92 | 2.447 | 0.0 | 40.597 | 3.497 | 0.0 | 39.143 | 2.717 | 0.0 | 40.06 | 2.907 |
| 178 | 17795 | 17796 | SN | 1 | 0.0 | 49.473 | 6.673 | 0.0 | 49.12 | 6.736 | 0.0 | 51.357 | 5.262 | 0.0 | 46.718 | 5.87 | 0.0 | 49.731 | 6.806 | 0.0 | 51.575 | 6.413 | 0.0 | 50.854 | 5.068 | 0.0 | 46.852 | 5.636 |
| 179 | 17795 | 17796 | SN | 1 | 0.0 | 54.946 | 1.65 | 0.0 | 44.945 | 1.927 | 0.0 | 43.844 | 1.198 | 0.0 | 45.005 | 1.661 | 0.0 | 54.892 | 1.666 | 0.0 | 45.783 | 1.808 | 0.0 | 44.361 | 1.181 | 0.0 | 42.487 | 1.489 |
| 180 | 17795 | 17796 | SN | 1 | 0.0 | 43.454 | 1.772 | 0.0 | 45.341 | 2.079 | 0.0 | 44.994 | 1.32 | 0.0 | 43.26 | 1.798 | 0.0 | 44.612 | 1.804 | 0.0 | 45.943 | 1.978 | 0.0 | 44.495 | 1.301 | 0.0 | 40.741 | 1.599 |
| 181 | 17795 | 17796 | NS | 1 | 0.0 | 37.526 | 0.644 | 0.0 | 38.613 | 0.86 | 0.0 | 36.023 | 0.827 | 0.0 | 45.363 | 1.133 | 0.0 | 38.169 | 0.621 | 0.0 | 37.335 | 0.803 | 0.0 | 38.602 | 0.767 | 0.0 | 42.752 | 0.952 |
| 182 | 17796 | 17797 | NS | 1 | 0.0 | 45.182 | 3.207 | 0.0 | 51.558 | 3.802 | 0.0 | 44.431 | 2.865 | 0.0 | 39.359 | 4.26 | 0.0 | 45.55 | 3.38 | 0.0 | 51.451 | 3.467 | 0.0 | 44.765 | 2.666 | 0.0 | 39.722 | 3.391 |
| 183 | 17796 | 17797 | NS | 1 | 0.0 | 39.39 | 0.91 | 0.0 | 41.636 | 1.042 | 0.0 | 35.791 | 0.885 | 0.0 | 45.349 | 1.368 | 0.0 | 38.819 | 0.872 | 0.0 | 41.659 | 0.956 | 0.0 | 36.083 | 0.832 | 0.0 | 50.812 | 1.073 |
| 184 | 17796 | 17797 | NS | 1 | 0.0 | 45.516 | 0.847 | 0.0 | 47.505 | 1.045 | 0.0 | 40.316 | 0.863 | 0.0 | 39.617 | 1.352 | 0.0 | 44.663 | 0.861 | 0.0 | 48.359 | 0.964 | 0.0 | 38.552 | 0.843 | 0.0 | 39.733 | 1.08 |
| 185 | 17796 | 17797 | SN | 1 | 0.0 | 52.706 | 5.459 | 0.0 | 46.968 | 6.306 | 0.0 | 45.759 | 4.874 | 0.0 | 46.442 | 4.796 | 0.0 | 53.148 | 5.378 | 0.0 | 45.488 | 6.286 | 0.0 | 45.427 | 4.718 | 0.0 | 43.447 | 4.433 |
| 186 | 17796 | 17797 | SN | 1 | 0.0 | 42.28 | 1.375 | 0.0 | 47.607 | 1.688 | 0.0 | 42.068 | 1.294 | 0.0 | 42.389 | 1.675 | 0.0 | 43.566 | 1.384 | 0.0 | 46.838 | 1.631 | 0.0 | 41.838 | 1.264 | 0.0 | 42.736 | 1.473 |
| 187 | 17796 | 17797 | NS | 1 | 0.0 | 44.544 | 3.341 | 0.0 | 45.349 | 4.026 | 0.0 | 42.088 | 2.838 | 0.0 | 43.062 | 4.09 | 0.0 | 45.851 | 3.381 | 0.0 | 43.94 | 3.456 | 0.0 | 42.086 | 2.81 | 0.0 | 44.058 | 3.413 |
| 188 | 17797 | 17798 | NS | 1 | 0.0 | 53.811 | 4.475 | 0.0 | 47.957 | 5.5 | 0.0 | 45.437 | 4.337 | 0.0 | 41.06 | 5.115 | 0.0 | 54.776 | 4.526 | 0.0 | 48.415 | 5.226 | 0.0 | 44.903 | 4.231 | 0.0 | 40.68 | 4.965 |
| 189 | 17797 | 17798 | SN | 1 | 0.0 | 43.064 | 1.039 | 0.0 | 43.495 | 1.205 | 0.0 | 38.398 | 1.058 | 0.0 | 44.089 | 1.608 | 0.0 | 42.739 | 1.082 | 0.0 | 42.95 | 1.132 | 0.0 | 39.361 | 1.025 | 0.0 | 40.714 | 1.388 |
| 190 | 17797 | 17798 | SN | 1 | 0.0 | 49.467 | 3.514 | 0.0 | 44.309 | 3.89 | 0.0 | 41.76 | 3.44 | 0.0 | 48.11 | 4.67 | 0.0 | 51.372 | 3.645 | 0.0 | 48.034 | 3.829 | 0.0 | 42.678 | 3.553 | 0.0 | 43.552 | 4.136 |
| 191 | 17797 | 17798 | NS | 1 | 0.0 | 53.359 | 1.249 | 0.0 | 45.219 | 1.647 | 0.0 | 39.385 | 1.373 | 0.0 | 41.772 | 1.836 | 0.0 | 54.447 | 1.24 | 0.0 | 47.94 | 1.575 | 0.0 | 40.691 | 1.35 | 0.0 | 44.073 | 1.598 |
| 192 | 17798 | 17799 | NS | 1 | 0.0 | 40.251 | 0.732 | 0.0 | 41.224 | 0.933 | 0.0 | 36.129 | 1.026 | 0.0 | 39.88 | 1.278 | 0.0 | 39.764 | 0.753 | 0.0 | 41.979 | 0.843 | 0.0 | 34.329 | 0.959 | 0.0 | 36.17 | 1.097 |
| 193 | 17798 | 17799 | NS | 1 | 0.0 | 36.857 | 0.744 | 0.0 | 42.023 | 0.945 | 0.0 | 36.082 | 1.04 | 0.0 | 43.263 | 1.29 | 0.0 | 36.9 | 0.746 | 0.0 | 41.979 | 0.85 | 0.0 | 36.445 | 0.967 | 0.0 | 38.282 | 1.1 |
| 194 | 17798 | 17799 | SN | 1 | 0.0 | 45.412 | 1.18 | 0.0 | 51.613 | 1.423 | 0.0 | 41.491 | 1.383 | 0.0 | 43.768 | 1.839 | 0.0 | 43.675 | 1.217 | 0.0 | 50.221 | 1.305 | 0.0 | 41.743 | 1.445 | 0.0 | 42.845 | 1.68 |
| 195 | 17798 | 17799 | NS | 1 | 0.0 | 39.981 | 2.244 | 0.0 | 44.288 | 2.675 | 0.0 | 38.4 | 2.639 | 0.0 | 51.662 | 3.727 | 0.0 | 42.149 | 2.142 | 0.0 | 43.578 | 2.349 | 0.0 | 37.487 | 2.632 | 0.0 | 49.313 | 3.399 |
| 196 | 17798 | 17799 | SN | 1 | 0.0 | 52.437 | 4.878 | 0.0 | 49.454 | 5.372 | 0.0 | 49.148 | 4.637 | 0.0 | 47.516 | 5.876 | 0.0 | 50.975 | 4.949 | 0.0 | 51.312 | 5.28 | 0.0 | 50.666 | 4.836 | 0.0 | 49.42 | 5.513 |
| 197 | 17798 | 17799 | SN | 1 | 0.0 | 45.587 | 1.174 | 0.0 | 50.474 | 1.427 | 0.0 | 38.806 | 1.366 | 0.0 | 43.59 | 1.836 | 0.0 | 43.849 | 1.214 | 0.0 | 48.121 | 1.308 | 0.0 | 41.869 | 1.431 | 0.0 | 42.668 | 1.682 |
| 198 | 17798 | 17799 | SN | 1 | 0.0 | 48.946 | 4.878 | 0.0 | 50.465 | 5.402 | 0.0 | 49.697 | 4.68 | 0.0 | 47.51 | 5.905 | 0.0 | 50.975 | 4.939 | 0.0 | 52.329 | 5.229 | 0.0 | 51.219 | 4.843 | 0.0 | 49.414 | 5.563 |
| 199 | 17798 | 17799 | NS | 1 | 0.0 | 39.981 | 2.244 | 0.0 | 45.68 | 2.695 | 0.0 | 37.178 | 2.653 | 0.0 | 43.426 | 3.748 | 0.0 | 42.149 | 2.142 | 0.0 | 44.969 | 2.37 | 0.0 | 37.643 | 2.61 | 0.0 | 41.285 | 3.364 |
| 200 | 17799 | 17800 | SN | 1 | 0.0 | 44.589 | 2.227 | 0.0 | 55.217 | 2.346 | 0.0 | 49.325 | 2.83 | 0.0 | 44.764 | 3.422 | 0.0 | 44.636 | 2.268 | 0.0 | 55.216 | 2.112 | 0.0 | 45.807 | 2.553 | 0.0 | 40.162 | 2.846 |
| 201 | 17799 | 17800 | NS | 1 | 0.0 | 42.928 | 0.577 | 0.0 | 38.986 | 0.928 | 0.0 | 42.459 | 0.946 | 0.0 | 38.57 | 1.527 | 0.0 | 42.528 | 0.579 | 0.0 | 42.35 | 0.862 | 0.0 | 44.749 | 0.891 | 0.0 | 39.054 | 1.283 |
| 202 | 17799 | 17800 | NS | 1 | 0.0 | 42.208 | 0.603 | 0.0 | 39.56 | 0.914 | 0.0 | 35.649 | 0.932 | 0.0 | 38.163 | 1.505 | 0.0 | 42.788 | 0.615 | 0.0 | 42.772 | 0.858 | 0.0 | 33.878 | 0.893 | 0.0 | 35.683 | 1.276 |
| 203 | 17799 | 17800 | NS | 1 | 0.0 | 40.108 | 0.61 | 0.0 | 38.998 | 0.93 | 0.0 | 37.171 | 0.941 | 0.0 | 37.832 | 1.507 | 0.0 | 40.686 | 0.615 | 0.0 | 42.212 | 0.883 | 0.0 | 36.313 | 0.907 | 0.0 | 35.892 | 1.274 |
| 204 | 17799 | 17800 | NS | 1 | 0.0 | 41.865 | 1.939 | 0.0 | 45.734 | 2.787 | 0.0 | 45.061 | 2.852 | 0.0 | 45.454 | 3.855 | 0.0 | 41.256 | 1.949 | 0.0 | 48.124 | 2.553 | 0.0 | 44.492 | 2.881 | 0.0 | 46.707 | 3.492 |
| 205 | 17799 | 17800 | NS | 1 | 0.0 | 41.865 | 1.97 | 0.0 | 46.848 | 2.716 | 0.0 | 41.849 | 2.923 | 0.0 | 43.918 | 3.898 | 0.0 | 41.256 | 1.939 | 0.0 | 48.386 | 2.502 | 0.0 | 43.293 | 2.937 | 0.0 | 45.17 | 3.57 |
| 206 | 17799 | 17800 | NS | 1 | 0.0 | 41.865 | 2.053 | 0.0 | 47.518 | 2.758 | 0.0 | 41.744 | 2.907 | 0.0 | 42.491 | 3.952 | 0.0 | 42.209 | 1.991 | 0.0 | 48.124 | 2.561 | 0.0 | 43.293 | 2.9 | 0.0 | 43.746 | 3.619 |
| 207 | 17799 | 17800 | SN | 1 | 0.0 | 44.589 | 2.227 | 0.0 | 55.217 | 2.346 | 0.0 | 49.325 | 2.83 | 0.0 | 44.764 | 3.422 | 0.0 | 44.636 | 2.268 | 0.0 | 55.216 | 2.112 | 0.0 | 45.807 | 2.553 | 0.0 | 40.162 | 2.846 |
| 208 | 17799 | 17800 | SN | 1 | 0.0 | 52.575 | 0.505 | 0.0 | 42.909 | 0.619 | 0.0 | 43.729 | 0.777 | 0.0 | 39.363 | 0.984 | 0.0 | 52.499 | 0.487 | 0.0 | 42.675 | 0.569 | 0.0 | 40.867 | 0.69 | 0.0 | 38.617 | 0.781 |
| 209 | 17799 | 17800 | SN | 1 | 0.0 | 52.575 | 0.505 | 0.0 | 42.909 | 0.619 | 0.0 | 43.729 | 0.777 | 0.0 | 39.363 | 0.984 | 0.0 | 52.499 | 0.487 | 0.0 | 42.675 | 0.569 | 0.0 | 40.867 | 0.69 | 0.0 | 38.617 | 0.781 |
| 210 | 17800 | 17801 | NS | 1 | 0.0 | 44.767 | 1.1 | 0.0 | 45.389 | 1.554 | 0.0 | 43.772 | 1.405 | 0.0 | 41.113 | 1.791 | 0.0 | 44.254 | 1.098 | 0.0 | 46.624 | 1.421 | 0.0 | 40.751 | 1.279 | 0.0 | 39.112 | 1.506 |
| 211 | 17800 | 17801 | NS | 1 | 0.0 | 45.895 | 4.365 | 0.0 | 49.269 | 5.815 | 0.0 | 40.468 | 4.345 | 0.0 | 45.547 | 5.152 | 0.0 | 46.451 | 4.314 | 0.0 | 49.519 | 5.561 | 0.0 | 39.138 | 4.167 | 0.0 | 44.673 | 4.817 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 212 | 17800 | 17801 | SN | 1 | 0.0 | 47.598 | 1.267 | 0.0 | 40.824 | 1.678 | 0.0 | 38.808 | 1.391 | 0.0 | 38.42 | 1.825 | 0.0 | 49.0 | 1.244 | 0.0 | 40.448 | 1.601 | 0.0 | 37.46 | 1.412 | 0.0 | 37.224 | 1.611 |
| 213 | 17800 | 17801 | NS | 1 | 0.0 | 45.895 | 4.365 | 0.0 | 49.269 | 5.815 | 0.0 | 40.468 | 4.345 | 0.0 | 45.547 | 5.152 | 0.0 | 46.451 | 4.314 | 0.0 | 49.519 | 5.561 | 0.0 | 39.138 | 4.167 | 0.0 | 44.673 | 4.817 |
| 214 | 17800 | 17801 | NS | 1 | 0.0 | 44.767 | 1.1 | 0.0 | 45.389 | 1.554 | 0.0 | 43.772 | 1.405 | 0.0 | 41.113 | 1.791 | 0.0 | 44.254 | 1.098 | 0.0 | 46.624 | 1.421 | 0.0 | 40.751 | 1.279 | 0.0 | 39.112 | 1.506 |
| 215 | 17800 | 17801 | SN | 1 | 0.0 | 53.246 | 3.786 | 0.0 | 45.205 | 4.549 | 0.0 | 44.615 | 4.539 | 0.0 | 47.221 | 5.286 | 0.0 | 53.687 | 3.725 | 0.0 | 46.924 | 4.346 | 0.0 | 44.49 | 4.624 | 0.0 | 44.43 | 5.072 |
| 216 | 17800 | 17801 | NS | 1 | 0.0 | 44.767 | 1.129 | 0.0 | 45.389 | 1.623 | 0.0 | 43.772 | 1.431 | 0.0 | 41.113 | 1.854 | 0.0 | 44.254 | 1.136 | 0.0 | 46.624 | 1.5 | 0.0 | 40.751 | 1.301 | 0.0 | 39.112 | 1.573 |
| 217 | 17800 | 17801 | NS | 1 | 0.0 | 45.895 | 4.377 | 0.0 | 46.852 | 6.094 | 0.0 | 40.468 | 4.31 | 0.0 | 40.754 | 5.379 | 0.0 | 46.451 | 4.367 | 0.0 | 45.286 | 5.838 | 0.0 | 39.138 | 4.175 | 0.0 | 40.123 | 5.035 |
| 218 | 17801 | 17802 | SN | 1 | 0.0 | 37.377 | 1.292 | 0.0 | 38.366 | 1.593 | 0.0 | 35.852 | 1.581 | 0.0 | 37.691 | 2.12 | 0.0 | 38.212 | 1.366 | 0.0 | 38.099 | 1.5 | 0.0 | 36.554 | 1.609 | 0.0 | 35.501 | 2.019 |
| 219 | 17801 | 17802 | NS | 1 | 0.0 | 42.003 | 0.481 | 0.0 | 48.313 | 0.697 | 0.0 | 39.472 | 0.705 | 0.0 | 40.878 | 1.067 | 0.0 | 41.295 | 0.457 | 0.0 | 51.959 | 0.593 | 0.0 | 35.86 | 0.593 | 0.0 | 39.115 | 0.764 |
| 220 | 17801 | 17802 | NS | 1 | 0.0 | 43.503 | 1.996 | 0.0 | 50.276 | 2.827 | 0.0 | 39.237 | 2.615 | 0.0 | 43.834 | 3.315 | 0.0 | 42.036 | 1.887 | 0.0 | 50.457 | 2.412 | 0.0 | 38.842 | 2.362 | 0.0 | 40.507 | 2.58 |
| 221 | 17801 | 17802 | NS | 1 | 0.0 | 42.018 | 1.858 | 0.0 | 50.276 | 2.613 | 0.0 | 44.229 | 2.433 | 0.0 | 43.834 | 3.078 | 0.0 | 42.066 | 1.767 | 0.0 | 50.457 | 2.226 | 0.0 | 44.866 | 2.141 | 0.0 | 40.507 | 2.43 |
| 222 | 17801 | 17802 | SN | 1 | 0.0 | 38.709 | 1.339 | 0.0 | 38.366 | 1.593 | 0.0 | 35.552 | 1.607 | 0.0 | 37.691 | 2.126 | 0.0 | 38.484 | 1.366 | 0.0 | 38.099 | 1.521 | 0.0 | 35.263 | 1.593 | 0.0 | 37.606 | 2.017 |
| 223 | 17801 | 17802 | SN | 1 | 0.0 | 37.422 | 4.638 | 0.0 | 43.921 | 4.682 | 0.0 | 34.971 | 4.541 | 0.0 | 46.956 | 5.65 | 0.0 | 37.033 | 4.699 | 0.0 | 43.144 | 4.743 | 0.0 | 36.046 | 4.668 | 0.0 | 44.307 | 5.785 |
| 224 | 17801 | 17802 | SN | 1 | 0.0 | 46.56 | 4.597 | 0.0 | 44.871 | 4.591 | 0.0 | 36.347 | 4.633 | 0.0 | 46.956 | 5.636 | 0.0 | 46.171 | 4.567 | 0.0 | 46.715 | 4.672 | 0.0 | 35.695 | 4.824 | 0.0 | 44.285 | 5.799 |
| 225 | 17801 | 17802 | NS | 1 | 0.0 | 41.333 | 0.522 | 0.0 | 48.313 | 0.745 | 0.0 | 39.472 | 0.769 | 0.0 | 40.878 | 1.137 | 0.0 | 42.251 | 0.488 | 0.0 | 51.959 | 0.629 | 0.0 | 36.29 | 0.641 | 0.0 | 39.115 | 0.811 |
| 226 | 17802 | 17803 | SN | 1 | 0.0 | 43.29 | 0.536 | 0.0 | 40.429 | 0.623 | 0.0 | 38.969 | 0.676 | 0.0 | 39.995 | 0.988 | 0.0 | 42.129 | 0.554 | 0.0 | 41.765 | 0.626 | 0.0 | 39.133 | 0.69 | 0.0 | 35.806 | 0.91 |
| 227 | 17802 | 17803 | NS | 1 | 0.0 | 44.377 | 5.19 | 0.0 | 52.516 | 6.266 | 0.0 | 43.455 | 4.694 | 0.0 | 46.951 | 5.857 | 0.0 | 45.238 | 5.321 | 0.0 | 50.718 | 6.254 | 0.0 | 45.003 | 4.861 | 0.0 | 47.485 | 5.565 |
| 228 | 17802 | 17803 | SN | 1 | 0.0 | 43.587 | 1.81 | 0.0 | 41.914 | 2.163 | 0.0 | 43.376 | 2.162 | 0.0 | 41.924 | 2.973 | 0.0 | 43.097 | 1.864 | 0.0 | 39.712 | 2.109 | 0.0 | 43.367 | 2.17 | 0.0 | 43.013 | 2.92 |
| 229 | 17802 | 17803 | SN | 1 | 0.0 | 43.587 | 1.691 | 0.0 | 41.914 | 2.04 | 0.0 | 43.376 | 2.021 | 0.0 | 41.924 | 2.81 | 0.0 | 43.097 | 1.742 | 0.0 | 39.712 | 1.979 | 0.0 | 43.367 | 2.064 | 0.0 | 43.013 | 2.732 |
| 230 | 17802 | 17803 | SN | 1 | 0.0 | 43.29 | 0.578 | 0.0 | 40.429 | 0.671 | 0.0 | 38.969 | 0.721 | 0.0 | 39.995 | 1.07 | 0.0 | 42.129 | 0.597 | 0.0 | 41.765 | 0.673 | 0.0 | 39.133 | 0.74 | 0.0 | 35.806 | 0.986 |
| 231 | 17802 | 17803 | NS | 1 | 0.0 | 46.333 | 1.271 | 0.0 | 42.631 | 1.663 | 0.0 | 43.256 | 1.35 | 0.0 | 42.852 | 1.666 | 0.0 | 47.081 | 1.266 | 0.0 | 42.228 | 1.617 | 0.0 | 44.832 | 1.364 | 0.0 | 41.071 | 1.574 |
| 232 | 17802 | 17803 | NS | 1 | 0.0 | 45.782 | 1.336 | 0.0 | 42.614 | 1.869 | 0.0 | 43.536 | 1.355 | 0.0 | 42.852 | 1.824 | 0.0 | 46.527 | 1.336 | 0.0 | 42.212 | 1.803 | 0.0 | 45.111 | 1.366 | 0.0 | 41.073 | 1.703 |
| 233 | 17802 | 17803 | NS | 1 | 0.0 | 45.782 | 1.268 | 0.0 | 42.614 | 1.669 | 0.0 | 43.536 | 1.351 | 0.0 | 42.852 | 1.668 | 0.0 | 46.527 | 1.266 | 0.0 | 42.212 | 1.62 | 0.0 | 45.111 | 1.364 | 0.0 | 41.073 | 1.579 |
| 234 | 17802 | 17803 | NS | 1 | 0.0 | 44.377 | 4.773 | 0.0 | 52.516 | 5.734 | 0.0 | 43.455 | 4.489 | 0.0 | 46.951 | 5.471 | 0.0 | 45.238 | 4.864 | 0.0 | 50.718 | 5.754 | 0.0 | 45.003 | 4.674 | 0.0 | 47.485 | 5.201 |
| 235 | 17802 | 17803 | NS | 1 | 0.0 | 44.379 | 4.743 | 0.0 | 52.802 | 5.724 | 0.0 | 43.814 | 4.489 | 0.0 | 46.951 | 5.471 | 0.0 | 45.238 | 4.834 | 0.0 | 51.006 | 5.754 | 0.0 | 45.008 | 4.674 | 0.0 | 47.572 | 5.215 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| 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 | 17774 | 17775 | SN | 1 | 0.0 | 29.456 | 13.672 | 0.0 | 27.327 | 13.324 | 0.0 | 154.282 | 11.321 | 0.0 | 62.689 | 13.931 | 0.0 | 1.432 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 2 | 17774 | 17775 | SN | 1 | 0.0 | 22.121 | 6.263 | 0.0 | 24.249 | 7.577 | 0.0 | 149.776 | 2.92 | 0.0 | 14.19 | 3.839 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 3 | 17774 | 17775 | NS | 1 | 0.0 | 166.148 | 10.215 | 0.0 | 29.88 | 14.355 | 0.0 | 162.331 | 9.709 | 0.0 | 36.802 | 12.615 | 0.0 | 1.407 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.131 | 0.0 |
| 4 | 17774 | 17775 | SN | 1 | 0.0 | 22.121 | 6.225 | 0.0 | 24.249 | 7.603 | 0.0 | 149.776 | 2.883 | 0.0 | 56.33 | 3.96 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 5 | 17774 | 17775 | SN | 1 | 0.0 | 29.456 | 13.672 | 0.0 | 27.327 | 13.324 | 0.0 | 154.282 | 11.321 | 0.0 | 62.689 | 13.931 | 0.0 | 1.432 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 6 | 17774 | 17775 | NS | 1 | 0.0 | 166.153 | 6.059 | 0.0 | 24.591 | 6.889 | 0.0 | 341.696 | 2.123 | 0.0 | 46.431 | 3.056 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.138 | 0.0 |
| 7 | 17774 | 17775 | SN | 1 | 0.0 | 22.121 | 6.225 | 0.0 | 24.249 | 7.603 | 0.0 | 149.776 | 2.883 | 0.0 | 56.33 | 3.96 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 8 | 17774 | 17775 | NS | 1 | 0.0 | 166.148 | 10.215 | 0.0 | 29.88 | 14.355 | 0.0 | 162.331 | 9.709 | 0.0 | 36.802 | 12.615 | 0.0 | 1.407 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.131 | 0.0 |
| 9 | 17774 | 17775 | NS | 1 | 0.0 | 166.153 | 6.059 | 0.0 | 24.591 | 6.889 | 0.0 | 341.696 | 2.123 | 0.0 | 46.431 | 3.058 | 0.0 | 1.43 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.138 | 0.0 |
| 10 | 17775 | 17776 | SN | 1 | 0.0 | 29.577 | 13.704 | 0.0 | 27.349 | 13.283 | 0.0 | 154.442 | 11.337 | 0.0 | 58.784 | 14.08 | 0.0 | 1.432 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 11 | 17775 | 17776 | NS | 1 | 0.0 | 121.101 | 6.048 | 0.0 | 24.575 | 6.796 | 0.0 | 350.873 | 2.1 | 0.0 | 23.042 | 3.067 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 12 | 17775 | 17776 | SN | 1 | 0.0 | 22.099 | 6.266 | 0.0 | 24.244 | 7.579 | 0.0 | 149.699 | 2.969 | 0.0 | 14.449 | 3.914 | 0.0 | 1.421 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.14 | 0.0 |
| 13 | 17775 | 17776 | SN | 1 | 0.0 | 22.099 | 6.264 | 0.0 | 24.244 | 7.58 | 0.0 | 149.694 | 2.964 | 0.0 | 14.411 | 3.91 | 0.0 | 1.421 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.14 | 0.0 |
| 14 | 17775 | 17776 | SN | 1 | 0.0 | 22.099 | 6.252 | 0.0 | 24.244 | 7.594 | 0.0 | 149.699 | 2.951 | 0.0 | 71.579 | 4.004 | 0.0 | 1.421 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.14 | 0.0 |
| 15 | 17775 | 17776 | NS | 1 | 0.0 | 100.718 | 10.149 | 0.0 | 29.869 | 14.265 | 0.0 | 356.73 | 9.678 | 0.0 | 36.029 | 12.641 | 0.0 | 1.405 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.128 | 0.0 |
| 16 | 17775 | 17776 | NS | 1 | 0.0 | 100.718 | 10.215 | 0.0 | 29.858 | 14.325 | 0.0 | 350.735 | 9.652 | 0.0 | 38.478 | 12.608 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.129 | 0.0 |
| 17 | 17775 | 17776 | NS | 1 | 0.0 | 90.487 | 6.05 | 0.0 | 24.575 | 6.801 | 0.0 | 356.73 | 2.108 | 0.0 | 67.923 | 3.082 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 18 | 17775 | 17776 | SN | 1 | 0.0 | 29.577 | 13.72 | 0.0 | 27.343 | 13.084 | 0.0 | 154.442 | 11.378 | 0.0 | 20.858 | 13.823 | 0.0 | 1.432 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 19 | 17775 | 17776 | SN | 1 | 0.0 | 29.577 | 13.717 | 0.0 | 27.349 | 13.122 | 0.0 | 154.442 | 11.406 | 0.0 | 23.268 | 13.867 | 0.0 | 1.432 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 20 | 17776 | 17777 | SN | 1 | 0.0 | 28.281 | 13.649 | 0.0 | 27.36 | 13.184 | 0.0 | 174.963 | 11.355 | 0.0 | 66.709 | 14.328 | 0.0 | 1.434 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.137 | 0.0 |
| 21 | 17776 | 17777 | SN | 1 | 0.64 | 28.281 | 13.675 | 0.0 | 27.36 | 12.996 | 0.0 | 174.963 | 11.444 | 0.0 | 61.07 | 14.039 | 0.001 | 1.434 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.137 | 0.0 |
| 22 | 17776 | 17777 | NS | 1 | 0.0 | 25.998 | 10.188 | 0.0 | 29.913 | 14.271 | 0.0 | 196.1 | 9.737 | 0.0 | 36.824 | 12.528 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.128 | 0.0 |
| 23 | 17776 | 17777 | NS | 1 | 0.0 | 25.463 | 6.059 | 0.0 | 24.575 | 6.778 | 0.0 | 198.78 | 2.095 | 0.0 | 24.586 | 3.031 | 0.0 | 1.426 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.127 | 0.0 |
| 24 | 17776 | 17777 | SN | 1 | 0.0 | 22.121 | 6.258 | 0.0 | 24.211 | 7.58 | 0.0 | 182.475 | 2.966 | 0.0 | 59.603 | 3.974 | 0.0 | 1.422 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 25 | 17776 | 17777 | SN | 1 | 0.0 | 22.121 | 6.232 | 0.0 | 24.211 | 7.595 | 0.0 | 182.475 | 2.939 | 0.0 | 69.93 | 4.08 | 0.0 | 1.422 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 26 | 17776 | 17777 | SN | 1 | 0.0 | 22.121 | 6.232 | 0.0 | 24.211 | 7.595 | 0.0 | 182.475 | 2.939 | 0.0 | 69.93 | 4.08 | 0.0 | 1.422 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 27 | 17776 | 17777 | SN | 1 | 0.0 | 28.281 | 13.649 | 0.0 | 27.36 | 13.184 | 0.0 | 174.963 | 11.362 | 0.0 | 66.709 | 14.336 | 0.0 | 1.434 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.137 | 0.0 |
| 28 | 17777 | 17778 | NS | 1 | 0.0 | 25.998 | 10.218 | 0.0 | 29.924 | 14.281 | 0.0 | 355.323 | 9.757 | 0.0 | 37.645 | 12.512 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.128 | 0.0 |
| 29 | 17777 | 17778 | NS | 1 | 0.0 | 25.457 | 6.05 | 0.0 | 24.575 | 6.817 | 0.0 | 183.288 | 2.102 | 0.0 | 45.245 | 3.011 | 0.0 | 1.424 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.127 | 0.0 |
| 30 | 17777 | 17778 | SN | 1 | 0.0 | 22.093 | 6.243 | 0.0 | 233.982 | 7.58 | 0.0 | 137.456 | 2.966 | 0.0 | 72.809 | 4.068 | 0.0 | 1.421 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.139 | 0.0 |
| 31 | 17777 | 17778 | NS | 1 | 0.0 | 25.998 | 10.276 | 0.0 | 29.924 | 14.296 | 0.0 | 134.938 | 9.702 | 0.0 | 35.974 | 12.519 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.128 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 17777 | 17778 | NS | 1 | 0.0 | 25.457 | 6.052 | 0.0 | 24.575 | 6.813 | 0.0 | 345.804 | 2.102 | 0.0 | 54.968 | 3.013 | 0.0 | 1.425 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 33 | 17777 | 17778 | SN | 1 | 0.0 | 28.198 | 13.661 | 0.0 | 266.719 | 12.931 | 0.0 | 144.868 | 11.45 | 0.0 | 45.259 | 13.821 | 0.0 | 1.432 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.14 | 0.0 |
| 34 | 17777 | 17778 | SN | 1 | 0.0 | 28.198 | 13.619 | 0.0 | 266.708 | 13.235 | 0.0 | 144.868 | 11.305 | 0.0 | 74.888 | 14.25 | 0.0 | 1.432 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.14 | 0.0 |
| 35 | 17777 | 17778 | SN | 1 | 0.0 | 22.093 | 6.24 | 0.0 | 233.971 | 7.575 | 0.0 | 137.5 | 2.964 | 0.0 | 67.95 | 4.078 | 0.0 | 1.42 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 36 | 17777 | 17778 | SN | 1 | 0.0 | 22.093 | 6.279 | 0.0 | 233.982 | 7.548 | 0.0 | 137.456 | 3.008 | 0.0 | 14.19 | 3.951 | 0.0 | 1.421 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.139 | 0.0 |
| 37 | 17777 | 17778 | SN | 1 | 0.0 | 28.198 | 13.619 | 0.0 | 266.719 | 13.205 | 0.0 | 144.868 | 11.319 | 0.0 | 74.905 | 14.264 | 0.0 | 1.432 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.14 | 0.0 |
| 38 | 17778 | 17779 | NS | 1 | 0.0 | 25.998 | 10.257 | 0.0 | 29.957 | 14.286 | 0.0 | 352.257 | 9.633 | 0.0 | 59.22 | 12.59 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.128 | 0.0 |
| 39 | 17778 | 17779 | SN | 1 | 0.0 | 29.086 | 13.651 | 0.0 | 27.349 | 12.747 | 0.0 | 143.12 | 11.559 | 0.0 | 15.089 | 13.493 | 0.0 | 1.432 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.135 | 0.0 |
| 40 | 17778 | 17779 | SN | 1 | 0.0 | 22.126 | 6.245 | 0.0 | 24.233 | 7.588 | 0.0 | 134.07 | 2.944 | 0.0 | 47.379 | 4.051 | 0.0 | 1.421 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 41 | 17778 | 17779 | NS | 1 | 0.0 | 25.998 | 10.247 | 0.0 | 29.957 | 14.286 | 0.0 | 352.251 | 9.633 | 0.0 | 59.192 | 12.59 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.128 | 0.0 |
| 42 | 17778 | 17779 | SN | 1 | 0.0 | 22.126 | 6.245 | 0.0 | 24.233 | 7.588 | 0.0 | 134.07 | 2.944 | 0.0 | 47.379 | 4.051 | 0.0 | 1.421 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 43 | 17778 | 17779 | SN | 1 | 0.0 | 29.086 | 13.582 | 0.0 | 27.354 | 13.198 | 0.0 | 143.12 | 11.345 | 0.0 | 70.95 | 14.091 | 0.0 | 1.432 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.135 | 0.0 |
| 44 | 17778 | 17779 | SN | 1 | 0.0 | 29.086 | 13.582 | 0.0 | 27.354 | 13.198 | 0.0 | 143.12 | 11.345 | 0.0 | 70.95 | 14.091 | 0.0 | 1.432 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.135 | 0.0 |
| 45 | 17778 | 17779 | SN | 1 | 0.0 | 22.126 | 6.299 | 0.0 | 24.233 | 7.541 | 0.0 | 134.07 | 3.004 | 0.0 | 14.19 | 3.929 | 0.0 | 1.421 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 46 | 17778 | 17779 | NS | 1 | 0.0 | 25.452 | 6.063 | 0.0 | 24.575 | 6.839 | 0.0 | 129.523 | 2.084 | 0.0 | 42.449 | 3.02 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 47 | 17778 | 17779 | NS | 1 | 0.0 | 25.457 | 6.059 | 0.0 | 24.569 | 6.837 | 0.0 | 129.528 | 2.086 | 0.0 | 42.427 | 3.018 | 0.0 | 1.422 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 48 | 17779 | 17780 | NS | 1 | 0.0 | 146.509 | 6.036 | 0.0 | 24.575 | 6.894 | 0.0 | 334.956 | 2.105 | 0.0 | 54.83 | 3.037 | 0.0 | 1.425 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 49 | 17779 | 17780 | NS | 1 | 0.0 | 25.987 | 10.255 | 0.0 | 29.858 | 14.306 | 0.0 | 344.321 | 9.708 | 0.0 | 35.495 | 12.558 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.128 | 0.0 |
| 50 | 17779 | 17780 | SN | 1 | 0.0 | 22.11 | 6.267 | 0.0 | 170.436 | 7.57 | 0.0 | 163.299 | 2.911 | 0.0 | 102.097 | 4.021 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.14 | 0.0 |
| 51 | 17779 | 17780 | SN | 1 | 0.0 | 22.115 | 6.263 | 0.0 | 24.227 | 7.568 | 0.0 | 163.305 | 2.919 | 0.0 | 55.861 | 4.008 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.14 | 0.0 |
| 52 | 17779 | 17780 | SN | 1 | 0.0 | 28.904 | 13.676 | 0.0 | 235.46 | 12.729 | 0.0 | 149.153 | 11.651 | 0.0 | 14.653 | 13.253 | 0.0 | 1.431 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.137 | 0.0 |
| 53 | 17779 | 17780 | NS | 1 | 0.0 | 151.368 | 6.052 | 0.0 | 24.575 | 6.903 | 0.0 | 123.522 | 2.088 | 0.0 | 43.888 | 3.027 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 54 | 17779 | 17780 | NS | 1 | 0.0 | 25.992 | 10.226 | 0.0 | 29.974 | 14.337 | 0.0 | 160.214 | 9.71 | 0.0 | 60.996 | 12.554 | 0.0 | 1.406 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.128 | 0.0 |
| 55 | 17779 | 17780 | SN | 1 | 0.0 | 28.904 | 13.594 | 0.0 | 235.46 | 13.228 | 0.0 | 149.153 | 11.332 | 0.0 | 73.752 | 14.027 | 0.0 | 1.431 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.137 | 0.0 |
| 56 | 17779 | 17780 | SN | 1 | 0.0 | 28.904 | 13.584 | 0.0 | 27.36 | 13.218 | 0.0 | 149.153 | 11.345 | 0.0 | 73.752 | 13.984 | 0.0 | 1.43 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.137 | 0.0 |
| 57 | 17779 | 17780 | SN | 1 | 0.0 | 22.11 | 6.344 | 0.0 | 170.436 | 7.534 | 0.0 | 163.299 | 2.995 | 0.0 | 102.097 | 3.867 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.14 | 0.0 |
| 58 | 17780 | 17781 | SN | 1 | 0.0 | 28.854 | 13.613 | 0.0 | 126.644 | 13.354 | 0.0 | 165.941 | 11.281 | 0.0 | 58.702 | 13.81 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.136 | 0.0 |
| 59 | 17780 | 17781 | NS | 1 | 0.0 | 211.36 | 10.295 | 0.0 | 29.858 | 14.303 | 0.0 | 353.139 | 9.672 | 0.0 | 36.719 | 12.583 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.127 | 0.0 |
| 60 | 17780 | 17781 | NS | 1 | 0.0 | 91.657 | 10.275 | 0.0 | 29.864 | 14.303 | 0.0 | 353.15 | 9.679 | 0.0 | 36.741 | 12.604 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.128 | 0.0 |
| 61 | 17780 | 17781 | SN | 1 | 0.0 | 22.104 | 6.24 | 0.0 | 265.453 | 7.583 | 0.0 | 156.411 | 2.891 | 0.0 | 71.601 | 3.974 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 62 | 17780 | 17781 | SN | 1 | 0.0 | 22.104 | 6.242 | 0.0 | 265.453 | 7.583 | 0.0 | 156.411 | 2.891 | 0.0 | 71.552 | 3.97 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 63 | 17780 | 17781 | SN | 1 | 0.0 | 28.854 | 13.613 | 0.0 | 126.644 | 13.344 | 0.0 | 165.941 | 11.281 | 0.0 | 58.735 | 13.817 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.136 | 0.0 |
| 64 | 17780 | 17781 | SN | 1 | 0.0 | 28.854 | 13.74 | 0.0 | 126.644 | 12.662 | 0.0 | 165.941 | 11.682 | 0.0 | 14.471 | 12.843 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.136 | 0.0 |
| 65 | 17780 | 17781 | SN | 1 | 0.0 | 22.104 | 6.352 | 0.0 | 265.453 | 7.572 | 0.0 | 156.411 | 3.018 | 0.0 | 59.179 | 3.834 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 66 | 17780 | 17781 | NS | 1 | 0.0 | 154.831 | 6.066 | 0.0 | 24.575 | 6.905 | 0.0 | 355.902 | 2.112 | 0.0 | 36.013 | 3.038 | 0.0 | 1.423 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 67 | 17780 | 17781 | NS | 1 | 0.0 | 217.958 | 6.068 | 0.0 | 24.575 | 6.908 | 0.0 | 355.913 | 2.112 | 0.0 | 36.041 | 3.047 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.13 | 0.0 |
| 68 | 17781 | 17782 | SN | 1 | 0.0 | 29.081 | 13.629 | 0.0 | 27.354 | 13.215 | 0.0 | 151.811 | 11.355 | 0.0 | 66.936 | 13.688 | 0.0 | 1.432 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.136 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 17781 | 17782 | SN | 1 | 0.0 | 22.11 | 6.237 | 0.0 | 24.244 | 7.577 | 0.0 | 178.78 | 2.866 | 0.0 | 65.722 | 3.928 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 70 | 17781 | 17782 | NS | 1 | 0.0 | 212.204 | 10.209 | 0.0 | 29.891 | 14.332 | 0.0 | 278.461 | 9.757 | 0.0 | 36.267 | 12.679 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.128 | 0.0 |
| 71 | 17781 | 17782 | SN | 1 | 0.0 | 22.11 | 6.379 | 0.0 | 24.244 | 7.573 | 0.0 | 178.78 | 3.048 | 0.0 | 13.004 | 3.822 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 72 | 17781 | 17782 | NS | 1 | 0.0 | 25.452 | 6.066 | 0.0 | 24.58 | 6.907 | 0.0 | 127.543 | 2.102 | 0.0 | 28.452 | 3.072 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 73 | 17781 | 17782 | NS | 1 | 0.0 | 26.003 | 10.24 | 0.0 | 29.886 | 14.332 | 0.0 | 167.841 | 9.742 | 0.0 | 36.256 | 12.665 | 0.0 | 1.405 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.128 | 0.0 |
| 74 | 17781 | 17782 | NS | 1 | 0.0 | 191.55 | 6.079 | 0.0 | 24.58 | 6.912 | 0.0 | 127.532 | 2.102 | 0.0 | 28.463 | 3.092 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 75 | 17781 | 17782 | SN | 1 | 0.0 | 29.081 | 13.839 | 0.0 | 25.43 | 12.459 | 0.0 | 151.811 | 11.967 | 0.0 | 14.653 | 12.539 | 0.0 | 1.432 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.136 | 0.0 |
| 76 | 17781 | 17782 | SN | 1 | 0.0 | 22.11 | 6.237 | 0.0 | 24.244 | 7.577 | 0.0 | 178.78 | 2.866 | 0.0 | 65.722 | 3.926 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 77 | 17781 | 17782 | SN | 1 | 0.0 | 29.081 | 13.629 | 0.0 | 27.354 | 13.215 | 0.0 | 151.811 | 11.355 | 0.0 | 66.936 | 13.688 | 0.0 | 1.432 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.136 | 0.0 |
| 78 | 17782 | 17783 | NS | 1 | 0.0 | 25.452 | 6.059 | 0.0 | 24.58 | 6.898 | 0.0 | 137.177 | 2.103 | 0.0 | 45.675 | 3.052 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 79 | 17782 | 17783 | SN | 1 | 0.0 | 22.121 | 6.223 | 0.0 | 24.244 | 7.552 | 0.0 | 135.735 | 2.805 | 0.0 | 76.082 | 3.94 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 80 | 17782 | 17783 | SN | 1 | 0.0 | 28.275 | 13.629 | 0.0 | 27.354 | 13.205 | 0.0 | 144.405 | 11.333 | 0.0 | 76.082 | 13.695 | 0.0 | 1.432 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.132 | 0.0 |
| 81 | 17782 | 17783 | NS | 1 | 0.0 | 25.976 | 10.199 | 0.0 | 29.941 | 14.342 | 0.0 | 232.253 | 9.757 | 0.0 | 52.354 | 12.658 | 0.0 | 1.406 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.129 | 0.0 |
| 82 | 17783 | 17784 | NS | 1 | 0.0 | 269.67 | 10.48 | 0.0 | 29.957 | 14.296 | 0.0 | 352.229 | 10.059 | 0.0 | 37.331 | 12.583 | 0.0 | 1.408 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.128 | 0.0 |
| 83 | 17783 | 17784 | NS | 1 | 0.0 | 269.67 | 10.48 | 0.0 | 29.957 | 14.296 | 0.0 | 352.229 | 10.059 | 0.0 | 37.331 | 12.583 | 0.0 | 1.408 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.128 | 0.0 |
| 84 | 17783 | 17784 | SN | 1 | 0.0 | 28.998 | 13.623 | 0.0 | 27.349 | 13.208 | 0.0 | 152.131 | 11.381 | 0.0 | 196.734 | 13.621 | 0.0 | 1.434 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.135 | 0.0 |
| 85 | 17783 | 17784 | NS | 1 | 0.0 | 239.591 | 6.203 | 0.0 | 24.58 | 6.908 | 0.0 | 346.94 | 2.264 | 0.0 | 50.898 | 3.036 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 86 | 17783 | 17784 | NS | 1 | 0.0 | 239.591 | 6.203 | 0.0 | 24.58 | 6.908 | 0.0 | 346.94 | 2.264 | 0.0 | 50.898 | 3.036 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 87 | 17783 | 17784 | SN | 1 | 0.0 | 22.104 | 6.247 | 0.0 | 24.244 | 7.557 | 0.0 | 155.473 | 2.837 | 0.0 | 45.273 | 3.923 | 0.0 | 1.422 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 88 | 17784 | 17785 | NS | 1 | 0.0 | 25.446 | 6.096 | 0.0 | 24.58 | 6.913 | 0.0 | 310.04 | 2.101 | 0.0 | 16.881 | 3.008 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.127 | 0.0 |
| 89 | 17784 | 17785 | SN | 1 | 0.0 | 22.099 | 6.234 | 0.0 | 24.233 | 7.573 | 0.0 | 181.62 | 2.867 | 0.0 | 51.256 | 3.962 | 0.0 | 1.424 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.139 | 0.0 |
| 90 | 17784 | 17785 | NS | 1 | 0.0 | 272.207 | 10.265 | 0.0 | 29.864 | 14.316 | 0.0 | 347.801 | 9.679 | 0.0 | 38.087 | 12.637 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.129 | 0.0 |
| 91 | 17784 | 17785 | NS | 1 | 0.0 | 272.207 | 10.276 | 0.0 | 29.864 | 14.292 | 0.0 | 347.801 | 9.715 | 0.0 | 28.435 | 12.591 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.129 | 0.0 |
| 92 | 17784 | 17785 | SN | 1 | 0.0 | 29.003 | 13.602 | 0.0 | 130.979 | 13.178 | 0.0 | 155.959 | 11.388 | 0.0 | 72.853 | 13.628 | 0.0 | 1.438 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.137 | 0.0 |
| 93 | 17784 | 17785 | NS | 1 | 0.0 | 25.446 | 6.077 | 0.0 | 24.58 | 6.906 | 0.0 | 310.04 | 2.091 | 0.0 | 54.019 | 3.044 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.127 | 0.0 |
| 94 | 17785 | 17786 | NS | 1 | 0.0 | 100.729 | 6.073 | 0.0 | 24.586 | 6.914 | 0.0 | 342.501 | 2.116 | 0.0 | 35.588 | 3.057 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 95 | 17785 | 17786 | NS | 1 | 0.0 | 221.083 | 10.236 | 0.0 | 29.875 | 14.316 | 0.0 | 355.389 | 9.752 | 0.0 | 40.304 | 12.666 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.131 | 0.0 |
| 96 | 17785 | 17786 | NS | 1 | 0.0 | 221.083 | 10.278 | 0.0 | 29.875 | 13.985 | 0.0 | 355.389 | 10.029 | 0.0 | 14.35 | 12.263 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.131 | 0.0 |
| 97 | 17785 | 17786 | NS | 1 | 0.0 | 100.729 | 6.164 | 0.0 | 24.586 | 6.931 | 0.0 | 342.501 | 2.182 | 0.0 | 11.786 | 2.987 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 98 | 17785 | 17786 | SN | 1 | 0.0 | 22.11 | 6.244 | 0.0 | 24.216 | 7.572 | 0.0 | 172.57 | 2.871 | 0.0 | 69.092 | 3.94 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 99 | 17785 | 17786 | SN | 1 | 0.0 | 28.838 | 13.571 | 0.0 | 27.354 | 13.293 | 0.0 | 175.399 | 11.38 | 0.0 | 69.241 | 13.719 | 0.0 | 1.432 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.136 | 0.0 |
| 100 | 17786 | 17787 | SN | 1 | 0.0 | 28.761 | 13.591 | 0.0 | 27.354 | 13.273 | 0.0 | 157.723 | 11.387 | 0.0 | 91.35 | 13.669 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.137 | 0.0 |
| 101 | 17786 | 17787 | NS | 1 | 0.0 | 160.699 | 10.347 | 0.0 | 29.869 | 13.737 | 0.0 | 217.261 | 10.456 | 0.0 | 13.65 | 12.027 | 0.0 | 1.406 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.129 | 0.0 |
| 102 | 17786 | 17787 | NS | 1 | 0.0 | 200.878 | 6.081 | 0.0 | 24.586 | 6.921 | 0.0 | 249.557 | 2.111 | 0.0 | 67.713 | 3.102 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 103 | 17786 | 17787 | NS | 1 | 0.0 | 160.699 | 10.201 | 0.0 | 29.869 | 14.323 | 0.0 | 217.261 | 9.778 | 0.0 | 35.467 | 12.657 | 0.0 | 1.406 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.129 | 0.0 |
| 104 | 17786 | 17787 | SN | 1 | 0.0 | 22.104 | 6.239 | 0.0 | 24.216 | 7.573 | 0.0 | 177.6 | 2.882 | 0.0 | 118.614 | 3.951 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.139 | 0.0 |
| 105 | 17786 | 17787 | NS | 1 | 0.0 | 200.878 | 6.278 | 0.0 | 24.586 | 6.988 | 0.0 | 249.557 | 2.268 | 0.0 | 11.775 | 3.102 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-------|---------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-------|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 17787 | 17788 | NS | 1 | 0.601 | 46.45 | 10.25 | 0.0 | 29.924 | 14.323 | 0.0 | 271.512 | 9.742 | 0.0 | 52.288 | 12.692 | 0.002 | 1.408 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.132 | 0.0 |
| 107 | 17787 | 17788 | NS | 1 | 0.0 | 202.034 | 6.431 | 0.0 | 24.58 | 7.058 | 0.0 | 230.541 | 2.417 | 0.0 | 11.78 | 3.297 | 0.0 | 1.426 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 108 | 17787 | 17788 | SN | 1 | 0.0 | 29.169 | 13.619 | 0.0 | 27.354 | 13.189 | 0.0 | 143.34 | 11.383 | 0.0 | 172.352 | 13.79 | 0.0 | 1.432 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.136 | 0.0 |
| 109 | 17787 | 17788 | NS | 1 | 0.0 | 202.034 | 6.079 | 0.0 | 24.58 | 6.909 | 0.0 | 230.541 | 2.127 | 0.0 | 39.03 | 3.113 | 0.0 | 1.426 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 110 | 17787 | 17788 | SN | 1 | 0.0 | 22.093 | 6.234 | 0.0 | 24.238 | 7.593 | 0.0 | 156.19 | 2.851 | 0.0 | 170.907 | 3.945 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 111 | 17787 | 17788 | NS | 1 | 0.0 | 46.45 | 10.535 | 0.0 | 29.875 | 13.607 | 0.0 | 271.512 | 10.98 | 0.0 | 13.65 | 11.951 | 0.0 | 1.408 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.132 | 0.0 |
| 112 | 17788 | 17789 | NS | 1 | 0.0 | 160.622 | 10.226 | 0.0 | 29.969 | 14.328 | 0.0 | 352.246 | 9.802 | 0.0 | 38.296 | 12.647 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.13 | 0.0 |
| 113 | 17788 | 17789 | SN | 1 | 0.0 | 22.104 | 6.318 | 0.0 | 24.233 | 7.588 | 0.0 | 159.29 | 2.918 | 0.0 | 13.01 | 3.754 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 114 | 17788 | 17789 | SN | 1 | 0.0 | 29.323 | 13.784 | 0.0 | 27.349 | 13.138 | 0.0 | 150.102 | 11.403 | 0.0 | 70.868 | 13.679 | 0.0 | 1.432 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.139 | 0.0 |
| 115 | 17788 | 17789 | NS | 1 | 0.0 | 231.349 | 6.672 | 0.0 | 24.58 | 7.148 | 0.0 | 185.561 | 2.598 | 0.0 | 11.775 | 3.441 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 116 | 17788 | 17789 | SN | 1 | 0.0 | 29.323 | 13.872 | 0.0 | 26.808 | 12.695 | 0.0 | 150.102 | 11.719 | 0.0 | 14.742 | 12.958 | 0.0 | 1.432 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.139 | 0.0 |
| 117 | 17788 | 17789 | NS | 1 | 0.0 | 231.349 | 6.093 | 0.0 | 24.58 | 6.923 | 0.0 | 185.561 | 2.118 | 0.0 | 43.414 | 3.07 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 118 | 17788 | 17789 | NS | 1 | 0.0 | 160.622 | 10.653 | 0.0 | 29.88 | 13.704 | 0.0 | 352.246 | 11.88 | 0.0 | 13.258 | 12.182 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.13 | 0.0 |
| 119 | 17788 | 17789 | SN | 1 | 0.0 | 22.104 | 6.242 | 0.0 | 24.233 | 7.616 | 0.0 | 159.29 | 2.834 | 0.0 | 47.33 | 3.899 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 120 | 17789 | 17790 | SN | 1 | 0.0 | 22.115 | 6.276 | 0.0 | 24.255 | 7.579 | 0.0 | 163.972 | 2.88 | 0.0 | 14.19 | 3.832 | 0.0 | 1.42 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.14 | 0.0 |
| 121 | 17789 | 17790 | SN | 1 | 0.0 | 29.031 | 13.695 | 0.0 | 27.349 | 13.159 | 0.0 | 154.767 | 11.439 | 0.0 | 73.471 | 13.7 | 0.0 | 1.432 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.142 | 0.0 |
| 122 | 17789 | 17790 | SN | 1 | 0.0 | 22.115 | 6.257 | 0.0 | 24.255 | 7.6 | 0.0 | 163.972 | 2.858 | 0.0 | 55.304 | 3.931 | 0.0 | 1.42 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.14 | 0.0 |
| 123 | 17789 | 17790 | NS | 1 | 0.0 | 163.153 | 9.759 | 0.0 | 29.996 | 14.246 | 0.0 | 244.593 | 9.223 | 0.0 | 39.35 | 12.804 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.129 | 0.0 |
| 124 | 17789 | 17790 | NS | 1 | 0.0 | 263.639 | 6.096 | 0.0 | 24.58 | 6.942 | 0.0 | 257.702 | 2.109 | 0.0 | 45.002 | 3.081 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 125 | 17789 | 17790 | NS | 1 | 0.0 | 163.153 | 10.196 | 0.0 | 29.996 | 14.309 | 0.0 | 244.593 | 9.767 | 0.0 | 39.35 | 12.683 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.129 | 0.0 |
| 126 | 17789 | 17790 | SN | 1 | 0.0 | 29.031 | 13.723 | 0.0 | 27.349 | 13.022 | 0.0 | 154.767 | 11.528 | 0.0 | 19.33 | 13.408 | 0.0 | 1.432 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.142 | 0.0 |
| 127 | 17789 | 17790 | NS | 1 | 0.0 | 263.639 | 5.94 | 0.0 | 24.58 | 6.967 | 0.0 | 257.702 | 1.985 | 0.0 | 45.002 | 3.162 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 128 | 17790 | 17791 | SN | 1 | 0.0 | 28.866 | 13.632 | 0.0 | 279.42 | 13.293 | 0.0 | 164.463 | 11.408 | 0.0 | 58.238 | 13.855 | 0.0 | 1.434 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.137 | 0.0 |
| 129 | 17790 | 17791 | SN | 1 | 0.0 | 22.121 | 6.261 | 0.0 | 67.336 | 7.569 | 0.0 | 151.249 | 2.925 | 0.0 | 14.19 | 3.88 | 0.0 | 1.422 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 130 | 17790 | 17791 | NS | 1 | 0.0 | 272.201 | 10.286 | 0.0 | 29.858 | 14.316 | 0.0 | 355.638 | 9.76 | 0.0 | 37.397 | 12.583 | 0.0 | 1.407 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.13 | 0.0 |
| 131 | 17790 | 17791 | NS | 1 | 0.0 | 42.386 | 10.297 | 0.0 | 29.858 | 14.306 | 0.0 | 355.638 | 9.76 | 0.0 | 37.392 | 12.583 | 0.0 | 1.407 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.13 | 0.0 |
| 132 | 17790 | 17791 | NS | 1 | 0.0 | 258.226 | 6.055 | 0.0 | 24.58 | 6.877 | 0.0 | 343.279 | 2.103 | 0.0 | 35.748 | 3.046 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.128 | 0.0 |
| 133 | 17790 | 17791 | NS | 1 | 0.0 | 158.918 | 6.06 | 0.0 | 24.58 | 6.882 | 0.0 | 343.284 | 2.105 | 0.0 | 35.743 | 3.045 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.128 | 0.0 |
| 134 | 17790 | 17791 | SN | 1 | 0.0 | 28.866 | 13.655 | 0.0 | 279.42 | 13.073 | 0.0 | 164.463 | 11.487 | 0.0 | 20.411 | 13.602 | 0.0 | 1.434 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.137 | 0.0 |
| 135 | 17790 | 17791 | SN | 1 | 0.0 | 28.866 | 13.655 | 0.0 | 279.42 | 13.073 | 0.0 | 164.463 | 11.487 | 0.0 | 20.411 | 13.602 | 0.0 | 1.434 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.137 | 0.0 |
| 136 | 17790 | 17791 | SN | 1 | 0.0 | 22.121 | 6.261 | 0.0 | 67.336 | 7.569 | 0.0 | 151.249 | 2.927 | 0.0 | 14.19 | 3.878 | 0.0 | 1.422 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 137 | 17790 | 17791 | SN | 1 | 0.0 | 22.121 | 6.239 | 0.0 | 67.336 | 7.58 | 0.0 | 151.249 | 2.906 | 0.0 | 63.582 | 3.976 | 0.0 | 1.422 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 138 | 17791 | 17792 | SN | 1 | 0.0 | 28.766 | 13.668 | 0.0 | 27.354 | 13.027 | 0.0 | 163.365 | 11.511 | 0.0 | 134.5 | 13.564 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.138 | 0.0 |
| 139 | 17791 | 17792 | SN | 1 | 0.0 | 22.121 | 6.26 | 0.0 | 24.249 | 7.544 | 0.0 | 162.395 | 2.96 | 0.0 | 263.912 | 3.942 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 140 | 17791 | 17792 | SN | 1 | 0.0 | 22.121 | 6.228 | 0.0 | 224.27 | 7.551 | 0.0 | 162.395 | 2.926 | 0.0 | 263.912 | 4.068 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 141 | 17791 | 17792 | SN | 1 | 0.0 | 28.766 | 13.641 | 0.0 | 27.365 | 13.293 | 0.0 | 163.365 | 11.394 | 0.0 | 134.5 | 13.905 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.138 | 0.0 |
| 142 | 17791 | 17792 | SN | 1 | 0.0 | 22.121 | 6.26 | 0.0 | 224.27 | 7.496 | 0.0 | 162.395 | 2.96 | 0.0 | 263.912 | 4.065 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-------|---------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-------|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 143 | 17791 | 17792 | SN | 1 | 0.0 | 28.766 | 13.668 | 0.0 | 27.365 | 13.206 | 0.0 | 163.365 | 11.511 | 0.0 | 134.5 | 13.897 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.138 | 0.0 |
| 144 | 17791 | 17792 | NS | 1 | 0.0 | 25.976 | 10.236 | 0.0 | 29.858 | 14.306 | 0.0 | 355.682 | 9.696 | 0.0 | 38.247 | 12.59 | 0.0 | 1.409 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |
| 145 | 17791 | 17792 | NS | 1 | 0.0 | 25.485 | 6.044 | 0.0 | 24.58 | 6.893 | 0.0 | 351.512 | 2.078 | 0.0 | 36.923 | 3.043 | 0.0 | 1.423 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 146 | 17792 | 17793 | NS | 1 | 0.0 | 255.201 | 5.116 | 0.0 | 24.575 | 9.103 | 0.0 | 183.294 | 1.695 | 0.0 | 63.588 | 2.729 | 0.0 | 1.414 | 0.0 | 0.0 | 1.759 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.102 | 0.0 |
| 147 | 17792 | 17793 | NS | 1 | 0.0 | 211.724 | 8.429 | 0.0 | 32.494 | 20.21 | 0.0 | 143.272 | 7.401 | 0.0 | 36.167 | 16.225 | 0.0 | 1.408 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.097 | 0.0 |
| 148 | 17792 | 17793 | SN | 1 | 0.0 | 28.375 | 13.72 | 0.0 | 27.338 | 12.858 | 0.0 | 144.267 | 11.61 | 0.0 | 16.043 | 13.265 | 0.0 | 1.433 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.138 | 0.0 |
| 149 | 17792 | 17793 | NS | 1 | 0.601 | 160.704 | 10.26 | 0.0 | 32.114 | 14.313 | 0.0 | 163.015 | 9.735 | 0.0 | 36.162 | 12.616 | 0.132 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.129 | 0.0 |
| 150 | 17792 | 17793 | SN | 1 | 0.0 | 28.375 | 13.659 | 0.0 | 27.338 | 13.26 | 0.0 | 144.267 | 11.439 | 0.0 | 69.759 | 13.809 | 0.0 | 1.433 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.138 | 0.0 |
| 151 | 17792 | 17793 | SN | 1 | 0.0 | 22.11 | 6.29 | 0.0 | 24.244 | 7.551 | 0.0 | 152.148 | 2.953 | 0.0 | 14.19 | 3.886 | 0.0 | 1.422 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.14 | 0.0 |
| 152 | 17792 | 17793 | NS | 1 | 0.0 | 158.462 | 6.055 | 0.0 | 24.58 | 6.899 | 0.0 | 217.917 | 2.095 | 0.0 | 31.452 | 3.019 | 0.0 | 1.423 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 153 | 17792 | 17793 | SN | 1 | 0.0 | 22.11 | 6.246 | 0.0 | 24.244 | 7.585 | 0.0 | 152.148 | 2.907 | 0.0 | 67.741 | 4.009 | 0.0 | 1.422 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.14 | 0.0 |
| 154 | 17793 | 17794 | SN | 1 | 0.0 | 28.0 | 13.629 | 0.0 | 27.332 | 13.25 | 0.0 | 150.444 | 11.363 | 0.0 | 75.021 | 13.759 | 0.0 | 1.432 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.138 | 0.0 |
| 155 | 17793 | 17794 | SN | 1 | 0.0 | 28.0 | 13.629 | 0.0 | 27.338 | 13.24 | 0.0 | 150.482 | 11.363 | 0.0 | 70.068 | 13.745 | 0.0 | 1.431 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.138 | 0.0 |
| 156 | 17793 | 17794 | SN | 1 | 0.0 | 22.11 | 6.247 | 0.0 | 24.227 | 7.558 | 0.0 | 134.351 | 2.909 | 0.0 | 279.123 | 3.977 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 157 | 17793 | 17794 | SN | 1 | 0.0 | 22.11 | 6.245 | 0.0 | 24.222 | 7.56 | 0.0 | 134.39 | 2.915 | 0.0 | 64.068 | 3.979 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 158 | 17793 | 17794 | NS | 1 | 0.0 | 25.441 | 6.059 | 0.0 | 24.586 | 6.917 | 0.0 | 140.608 | 2.088 | 0.0 | 45.604 | 3.01 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 159 | 17793 | 17794 | NS | 1 | 0.0 | 258.132 | 6.066 | 0.0 | 24.58 | 6.917 | 0.0 | 342.887 | 2.098 | 0.0 | 49.569 | 3.027 | 0.0 | 1.424 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 160 | 17793 | 17794 | SN | 1 | 0.0 | 28.0 | 13.705 | 0.0 | 27.338 | 12.723 | 0.0 | 150.444 | 11.625 | 0.0 | 61.616 | 13.039 | 0.0 | 1.432 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.138 | 0.0 |
| 161 | 17793 | 17794 | SN | 1 | 0.0 | 22.11 | 6.31 | 0.0 | 24.227 | 7.527 | 0.0 | 134.351 | 2.981 | 0.0 | 279.123 | 3.842 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 162 | 17793 | 17794 | NS | 1 | 0.0 | 269.499 | 10.237 | 0.0 | 29.908 | 14.289 | 0.0 | 352.251 | 9.759 | 0.0 | 37.221 | 12.534 | 0.0 | 1.409 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.126 | 0.0 |
| 163 | 17793 | 17794 | NS | 1 | 0.601 | 269.499 | 10.27 | 0.0 | 32.66 | 14.344 | 0.0 | 354.309 | 9.707 | 0.0 | 52.988 | 12.559 | 0.132 | 1.409 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.129 | 0.0 |
| 164 | 17794 | 17795 | SN | 1 | 0.0 | 29.257 | 13.613 | 0.0 | 27.354 | 13.221 | 0.0 | 154.106 | 11.437 | 0.0 | 69.638 | 13.622 | 0.0 | 1.432 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.134 | 0.0 |
| 165 | 17794 | 17795 | NS | 1 | 0.0 | 90.493 | 10.246 | 0.0 | 29.941 | 14.35 | 0.0 | 352.676 | 9.773 | 0.0 | 38.059 | 12.641 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.13 | 0.0 |
| 166 | 17794 | 17795 | SN | 1 | 0.0 | 22.11 | 6.282 | 0.0 | 24.216 | 7.581 | 0.0 | 149.032 | 2.897 | 0.0 | 54.091 | 3.934 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 167 | 17794 | 17795 | SN | 1 | 0.0 | 29.257 | 13.613 | 0.0 | 27.354 | 13.221 | 0.0 | 154.106 | 11.437 | 0.0 | 69.638 | 13.622 | 0.0 | 1.432 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.134 | 0.0 |
| 168 | 17794 | 17795 | NS | 1 | 0.0 | 241.858 | 10.246 | 0.0 | 29.941 | 14.38 | 0.0 | 352.687 | 9.766 | 0.0 | 38.081 | 12.648 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.131 | 0.0 |
| 169 | 17794 | 17795 | SN | 1 | 0.0 | 22.11 | 6.373 | 0.0 | 24.216 | 7.562 | 0.0 | 149.032 | 2.998 | 0.0 | 12.993 | 3.775 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 170 | 17794 | 17795 | SN | 1 | 0.0 | 22.11 | 6.282 | 0.0 | 24.216 | 7.581 | 0.0 | 149.032 | 2.897 | 0.0 | 54.091 | 3.934 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 171 | 17794 | 17795 | SN | 1 | 0.0 | 29.257 | 13.738 | 0.0 | 26.367 | 12.653 | 0.0 | 154.106 | 11.808 | 0.0 | 14.549 | 12.699 | 0.0 | 1.432 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.134 | 0.0 |
| 172 | 17794 | 17795 | NS | 1 | 0.0 | 53.94 | 6.085 | 0.0 | 24.58 | 6.924 | 0.0 | 141.198 | 2.097 | 0.0 | 43.282 | 3.026 | 0.0 | 1.424 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 173 | 17794 | 17795 | NS | 1 | 0.0 | 203.214 | 6.082 | 0.0 | 24.58 | 6.922 | 0.0 | 196.916 | 2.102 | 0.0 | 43.249 | 3.04 | 0.0 | 1.423 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 174 | 17795 | 17796 | SN | 1 | 0.0 | 28.772 | 13.571 | 0.0 | 27.349 | 13.273 | 0.0 | 161.005 | 11.401 | 0.0 | 58.448 | 13.577 | 0.0 | 1.432 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.136 | 0.0 |
| 175 | 17795 | 17796 | SN | 1 | 0.0 | 28.772 | 13.571 | 0.0 | 27.349 | 13.273 | 0.0 | 161.005 | 11.401 | 0.0 | 58.448 | 13.577 | 0.0 | 1.432 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.136 | 0.0 |
| 176 | 17795 | 17796 | SN | 1 | 0.0 | 22.099 | 6.238 | 0.0 | 24.238 | 7.58 | 0.0 | 146.859 | 2.847 | 0.0 | 63.869 | 3.894 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 177 | 17795 | 17796 | NS | 1 | 0.0 | 207.692 | 10.235 | 0.0 | 29.869 | 14.334 | 0.0 | 356.713 | 9.745 | 0.0 | 36.603 | 12.676 | 0.0 | 1.41 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.131 | 0.0 |
| 178 | 17795 | 17796 | SN | 1 | 0.0 | 28.772 | 13.724 | 0.0 | 25.523 | 12.549 | 0.0 | 161.005 | 11.884 | 0.0 | 27.49 | 12.511 | 0.0 | 1.432 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.136 | 0.0 |
| 179 | 17795 | 17796 | SN | 1 | 0.0 | 22.099 | 6.238 | 0.0 | 24.238 | 7.58 | 0.0 | 146.859 | 2.847 | 0.0 | 63.869 | 3.892 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 180 | 17795 | 17796 | SN | 1 | 0.0 | 22.099 | 6.37 | 0.0 | 24.238 | 7.582 | 0.0 | 146.859 | 2.996 | 0.0 | 12.988 | 3.769 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 181 | 17795 | 17796 | NS | 1 | 0.0 | 253.927 | 6.086 | 0.0 | 24.58 | 6.911 | 0.0 | 342.76 | 2.105 | 0.0 | 35.836 | 3.055 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 182 | 17796 | 17797 | NS | 1 | 0.0 | 41.955 | 10.221 | 0.0 | 29.875 | 14.335 | 0.0 | 356.895 | 9.727 | 0.0 | 35.489 | 12.702 | 0.0 | 1.413 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.13 | 0.0 |
| 183 | 17796 | 17797 | NS | 1 | 0.0 | 203.12 | 6.081 | 0.0 | 24.586 | 6.913 | 0.0 | 351.59 | 2.093 | 0.0 | 67.691 | 3.071 | 0.0 | 1.426 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 184 | 17796 | 17797 | NS | 1 | 0.0 | 94.985 | 6.082 | 0.0 | 24.586 | 6.911 | 0.0 | 351.59 | 2.091 | 0.0 | 37.215 | 3.068 | 0.0 | 1.426 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 185 | 17796 | 17797 | SN | 1 | 0.0 | 29.908 | 13.622 | 0.0 | 27.349 | 13.293 | 0.0 | 147.548 | 11.43 | 0.0 | 66.307 | 13.627 | 0.0 | 1.433 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.136 | 0.0 |
| 186 | 17796 | 17797 | SN | 1 | 0.0 | 22.104 | 6.209 | 0.0 | 129.39 | 7.546 | 0.0 | 169.647 | 2.822 | 0.0 | 119.314 | 3.903 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 187 | 17796 | 17797 | NS | 1 | 0.0 | 41.955 | 10.246 | 0.0 | 29.869 | 14.344 | 0.0 | 356.895 | 9.674 | 0.0 | 37.546 | 12.748 | 0.0 | 1.413 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |
| 188 | 17797 | 17798 | NS | 1 | 0.0 | 274.09 | 10.482 | 0.0 | 29.891 | 14.366 | 0.0 | 356.95 | 10.175 | 0.0 | 35.842 | 12.631 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.128 | 0.0 |
| 189 | 17797 | 17798 | SN | 1 | 0.0 | 22.121 | 6.168 | 0.0 | 24.255 | 7.551 | 0.0 | 171.588 | 2.791 | 0.0 | 67.448 | 3.887 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 190 | 17797 | 17798 | SN | 1 | 0.0 | 28.193 | 13.68 | 0.0 | 27.332 | 13.276 | 0.0 | 155.424 | 11.404 | 0.0 | 74.309 | 13.591 | 0.0 | 1.432 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.136 | 0.0 |
| 191 | 17797 | 17798 | NS | 1 | 0.0 | 277.371 | 6.208 | 0.0 | 24.586 | 6.92 | 0.0 | 188.307 | 2.261 | 0.0 | 63.853 | 3.033 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 192 | 17798 | 17799 | NS | 1 | 0.0 | 235.383 | 6.082 | 0.0 | 24.597 | 6.936 | 0.0 | 346.025 | 2.102 | 0.0 | 55.724 | 3.038 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 193 | 17798 | 17799 | NS | 1 | 0.0 | 235.383 | 6.082 | 0.0 | 24.597 | 6.936 | 0.0 | 346.025 | 2.102 | 0.0 | 55.724 | 3.038 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 194 | 17798 | 17799 | SN | 1 | 0.0 | 22.115 | 6.2 | 0.0 | 24.211 | 7.541 | 0.0 | 167.248 | 2.825 | 0.0 | 66.478 | 3.835 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.137 | 0.0 |
| 195 | 17798 | 17799 | NS | 1 | 0.0 | 269.51 | 10.235 | 0.0 | 29.902 | 14.31 | 0.0 | 189.029 | 9.787 | 0.0 | 37.204 | 12.699 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.13 | 0.0 |
| 196 | 17798 | 17799 | SN | 1 | 0.0 | 28.579 | 13.652 | 0.0 | 43.891 | 13.18 | 0.0 | 156.67 | 11.388 | 0.0 | 62.077 | 13.602 | 0.0 | 1.432 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.138 | 0.0 |
| 197 | 17798 | 17799 | SN | 1 | 0.0 | 22.115 | 6.191 | 0.0 | 127.874 | 7.543 | 0.0 | 167.325 | 2.821 | 0.0 | 66.461 | 3.826 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.137 | 0.0 |
| 198 | 17798 | 17799 | SN | 1 | 0.0 | 28.573 | 13.652 | 0.0 | 27.349 | 13.15 | 0.0 | 156.62 | 11.359 | 0.0 | 62.099 | 13.595 | 0.0 | 1.432 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.138 | 0.0 |
| 199 | 17798 | 17799 | NS | 1 | 0.0 | 269.51 | 10.235 | 0.0 | 29.902 | 14.31 | 0.0 | 189.029 | 9.787 | 0.0 | 37.204 | 12.699 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.13 | 0.0 |
| 200 | 17799 | 17800 | SN | 1 | 0.0 | 28.766 | 13.597 | 0.0 | 123.555 | 13.201 | 0.0 | 140.186 | 11.426 | 0.0 | 68.75 | 13.659 | 0.0 | 1.431 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.137 | 0.0 |
| 201 | 17799 | 17800 | NS | 1 | 0.0 | 237.948 | 6.143 | 0.0 | 24.586 | 6.939 | 0.0 | 162.712 | 2.151 | 0.0 | 11.94 | 2.99 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 202 | 17799 | 17800 | NS | 1 | 0.0 | 237.948 | 6.091 | 0.0 | 24.586 | 6.947 | 0.0 | 162.712 | 2.116 | 0.0 | 39.785 | 3.058 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 203 | 17799 | 17800 | NS | 1 | 0.0 | 237.948 | 6.089 | 0.0 | 24.586 | 6.947 | 0.0 | 162.712 | 2.116 | 0.0 | 42.725 | 3.056 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 204 | 17799 | 17800 | NS | 1 | 0.0 | 270.585 | 10.245 | 0.0 | 29.875 | 14.331 | 0.0 | 352.549 | 9.794 | 0.0 | 37.745 | 12.763 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.128 | 0.0 |
| 205 | 17799 | 17800 | NS | 1 | 0.0 | 270.585 | 10.245 | 0.0 | 29.875 | 14.331 | 0.0 | 352.549 | 9.794 | 0.0 | 37.739 | 12.77 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.128 | 0.0 |
| 206 | 17799 | 17800 | NS | 1 | 0.0 | 270.585 | 10.255 | 0.0 | 29.875 | 14.15 | 0.0 | 352.549 | 9.922 | 0.0 | 17.196 | 12.528 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.128 | 0.0 |
| 207 | 17799 | 17800 | SN | 1 | 0.0 | 28.766 | 13.597 | 0.0 | 123.555 | 13.201 | 0.0 | 140.186 | 11.426 | 0.0 | 68.75 | 13.659 | 0.0 | 1.431 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.137 | 0.0 |
| 208 | 17799 | 17800 | SN | 1 | 0.0 | 22.11 | 6.177 | 0.0 | 24.222 | 7.571 | 0.0 | 188.244 | 2.826 | 0.0 | 54.047 | 3.84 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.138 | 0.0 |
| 209 | 17799 | 17800 | SN | 1 | 0.0 | 22.11 | 6.177 | 0.0 | 24.222 | 7.571 | 0.0 | 188.244 | 2.826 | 0.0 | 54.047 | 3.84 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.138 | 0.0 |
| 210 | 17800 | 17801 | NS | 1 | 0.0 | 24.74 | 6.098 | 0.0 | 24.591 | 6.908 | 0.0 | 342.573 | 2.12 | 0.0 | 56.231 | 3.081 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 211 | 17800 | 17801 | NS | 1 | 0.0 | 168.326 | 10.16 | 0.0 | 29.875 | 14.374 | 0.0 | 281.207 | 9.777 | 0.0 | 36.305 | 12.74 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 212 | 17800 | 17801 | SN | 1 | 0.0 | 22.115 | 6.195 | 0.0 | 24.216 | 7.555 | 0.0 | 171.77 | 2.78 | 0.0 | 225.831 | 3.858 | 0.0 | 1.422 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.137 | 0.0 |
| 213 | 17800 | 17801 | NS | 1 | 0.0 | 168.326 | 10.16 | 0.0 | 29.875 | 14.374 | 0.0 | 281.207 | 9.777 | 0.0 | 36.305 | 12.74 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 214 | 17800 | 17801 | NS | 1 | 0.0 | 24.74 | 6.098 | 0.0 | 24.591 | 6.908 | 0.0 | 342.573 | 2.12 | 0.0 | 56.231 | 3.081 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 215 | 17800 | 17801 | SN | 1 | 0.0 | 28.656 | 13.626 | 0.0 | 27.349 | 13.18 | 0.0 | 165.979 | 11.404 | 0.0 | 117.02 | 13.652 | 0.0 | 1.432 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.137 | 0.0 |
| 216 | 17800 | 17801 | NS | 1 | 0.0 | 24.74 | 6.235 | 0.0 | 24.591 | 6.951 | 0.0 | 342.573 | 2.227 | 0.0 | 11.786 | 3.033 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 217 | 17800 | 17801 | NS | 1 | 0.0 | 168.326 | 10.246 | 0.0 | 29.875 | 13.892 | 0.0 | 281.207 | 10.232 | 0.0 | 13.39 | 12.214 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 218 | 17801 | 17802 | SN | 1 | 0.0 | 22.11 | 6.188 | 0.0 | 24.244 | 7.565 | 0.0 | 163.106 | 2.783 | 0.0 | 122.618 | 3.856 | 0.0 | 1.42 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.137 | 0.0 |
| 219 | 17801 | 17802 | NS | 1 | 0.0 | 258.265 | 6.102 | 0.0 | 24.591 | 6.919 | 0.0 | 339.556 | 2.121 | 0.0 | 24.09 | 3.083 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 220 | 17801 | 17802 | NS | 1 | 0.0 | 81.239 | 10.339 | 0.0 | 29.88 | 13.731 | 0.0 | 356.752 | 10.428 | 0.0 | 13.39 | 12.066 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 221 | 17801 | 17802 | NS | 1 | 0.0 | 81.239 | 10.184 | 0.0 | 29.88 | 14.323 | 0.0 | 356.752 | 9.759 | 0.0 | 35.853 | 12.733 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 222 | 17801 | 17802 | SN | 1 | 0.0 | 22.11 | 6.188 | 0.0 | 24.244 | 7.565 | 0.0 | 163.106 | 2.783 | 0.0 | 122.618 | 3.856 | 0.0 | 1.42 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.137 | 0.0 |
| 223 | 17801 | 17802 | SN | 1 | 0.0 | 28.656 | 13.57 | 0.0 | 27.349 | 13.254 | 0.0 | 147.51 | 11.387 | 0.0 | 65.932 | 13.741 | 0.0 | 1.433 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.133 | 0.0 |
| 224 | 17801 | 17802 | SN | 1 | 0.0 | 28.656 | 13.57 | 0.0 | 27.349 | 13.254 | 0.0 | 147.51 | 11.387 | 0.0 | 65.932 | 13.741 | 0.0 | 1.433 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.133 | 0.0 |
| 225 | 17801 | 17802 | NS | 1 | 0.0 | 258.265 | 6.301 | 0.0 | 24.591 | 6.992 | 0.0 | 339.556 | 2.28 | 0.0 | 11.78 | 3.1 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 226 | 17802 | 17803 | SN | 1 | 0.0 | 22.11 | 6.141 | 0.0 | 234.556 | 7.591 | 0.0 | 168.478 | 2.716 | 0.0 | 67.724 | 3.806 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 227 | 17802 | 17803 | NS | 1 | 0.0 | 235.372 | 10.595 | 0.0 | 29.875 | 13.613 | 0.0 | 187.645 | 11.377 | 0.0 | 13.644 | 12.082 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.129 | 0.0 |
| 228 | 17802 | 17803 | SN | 1 | 0.0 | 28.066 | 13.823 | 0.0 | 173.229 | 12.63 | 0.0 | 154.073 | 11.713 | 0.0 | 14.532 | 12.866 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.136 | 0.0 |
| 229 | 17802 | 17803 | SN | 1 | 0.0 | 28.066 | 13.67 | 0.0 | 173.229 | 13.285 | 0.0 | 154.073 | 11.333 | 0.0 | 74.254 | 13.828 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.136 | 0.0 |
| 230 | 17802 | 17803 | SN | 1 | 0.0 | 22.11 | 6.261 | 0.0 | 234.556 | 7.588 | 0.0 | 168.478 | 2.829 | 0.0 | 12.988 | 3.65 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 231 | 17802 | 17803 | NS | 1 | 0.0 | 24.751 | 6.104 | 0.0 | 24.591 | 6.915 | 0.0 | 278.524 | 2.127 | 0.0 | 38.098 | 3.097 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 232 | 17802 | 17803 | NS | 1 | 0.0 | 24.751 | 6.567 | 0.0 | 24.586 | 7.086 | 0.0 | 138.964 | 2.496 | 0.0 | 11.67 | 3.398 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 233 | 17802 | 17803 | NS | 1 | 0.0 | 24.751 | 6.113 | 0.0 | 24.586 | 6.915 | 0.0 | 138.964 | 2.126 | 0.0 | 38.098 | 3.096 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 234 | 17802 | 17803 | NS | 1 | 0.0 | 235.372 | 10.267 | 0.0 | 29.875 | 14.345 | 0.0 | 187.645 | 9.76 | 0.0 | 36.851 | 12.773 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.129 | 0.0 |
| 235 | 17802 | 17803 | NS | 1 | 0.0 | 235.372 | 10.277 | 0.0 | 29.88 | 14.355 | 0.0 | 187.651 | 9.767 | 0.0 | 36.851 | 12.788 | 0.0 | 1.409 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.129 | 0.0 |

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