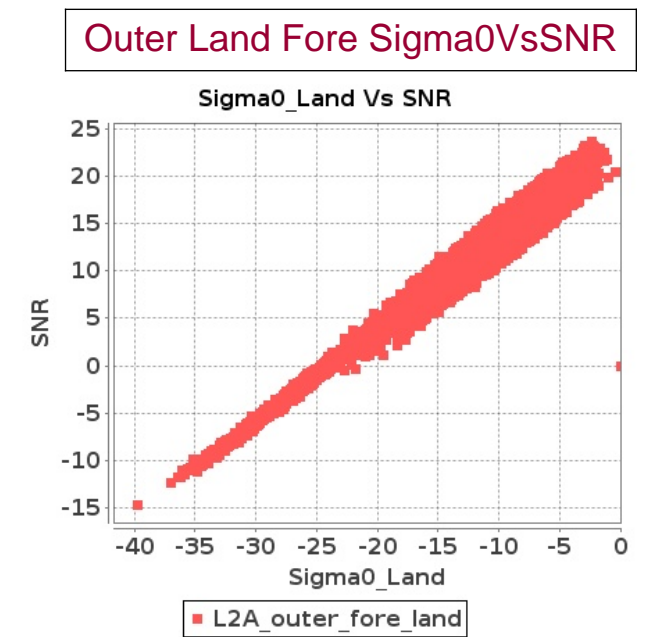
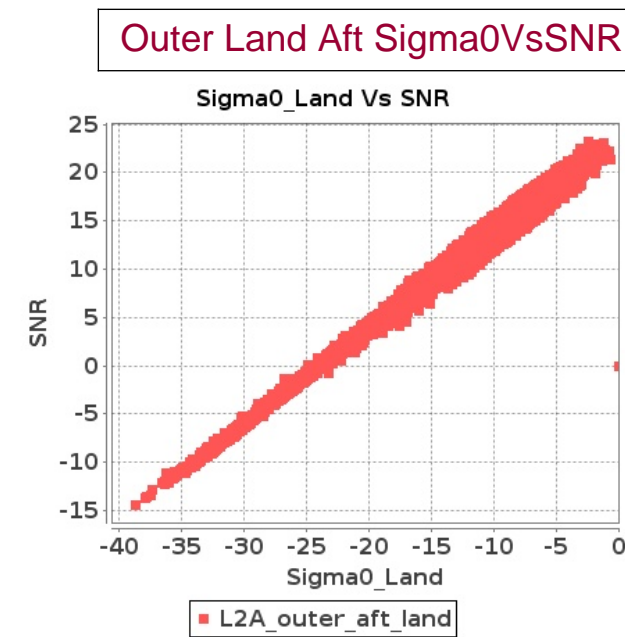
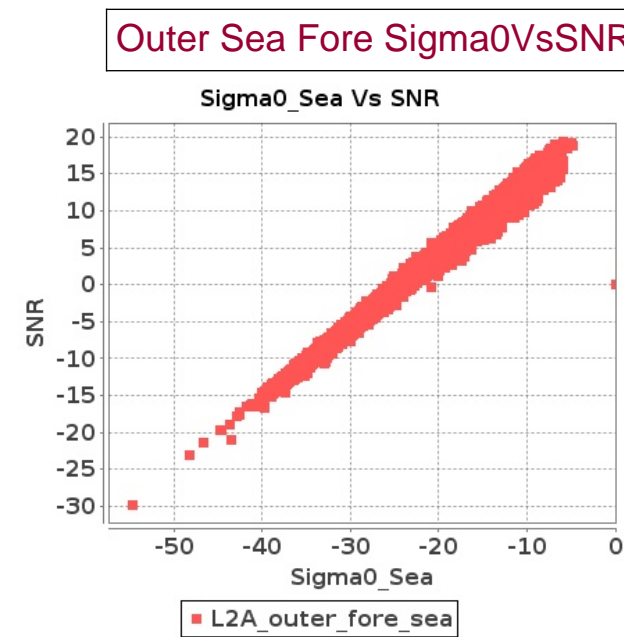
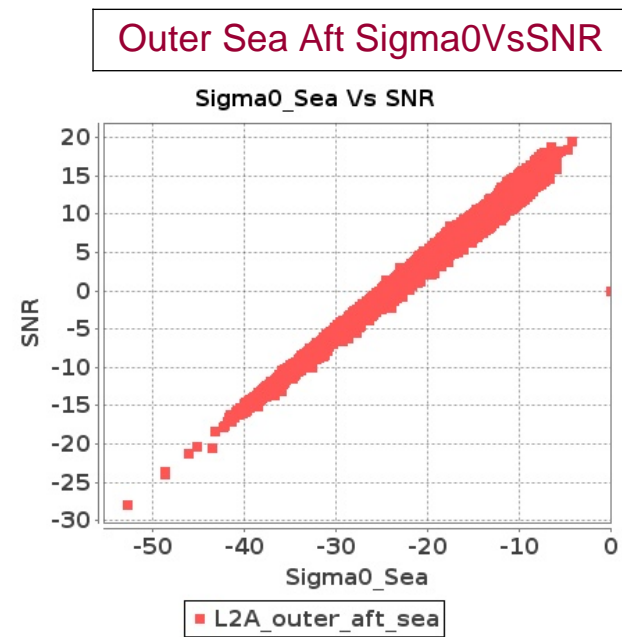
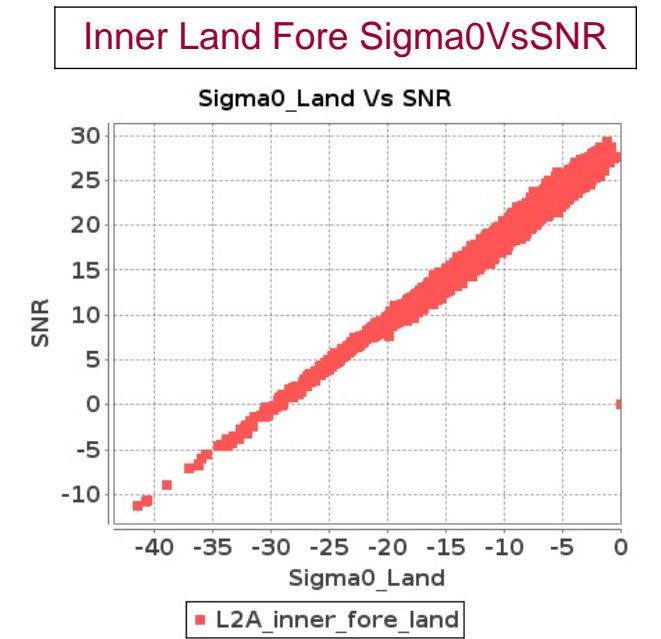
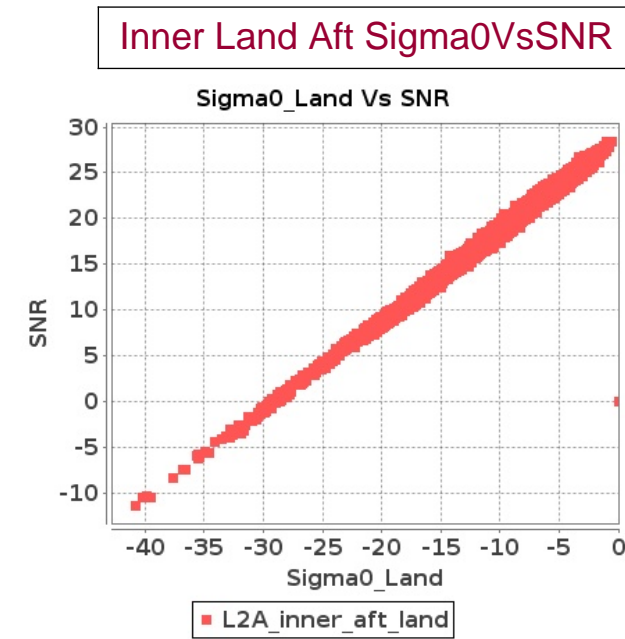
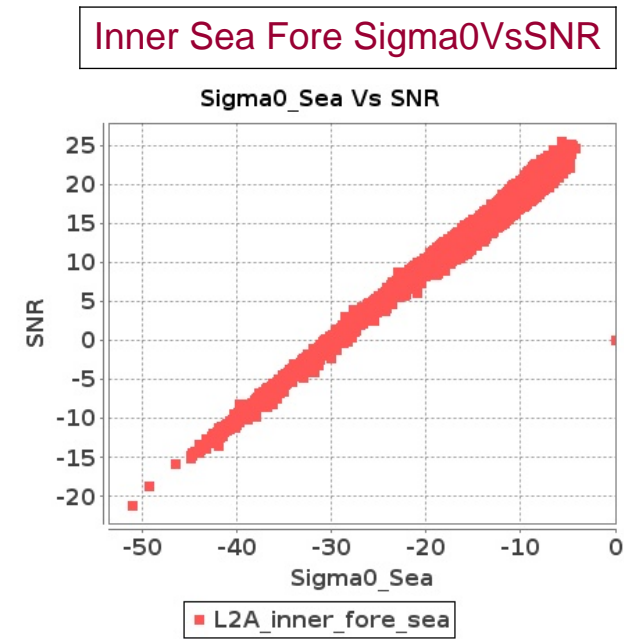
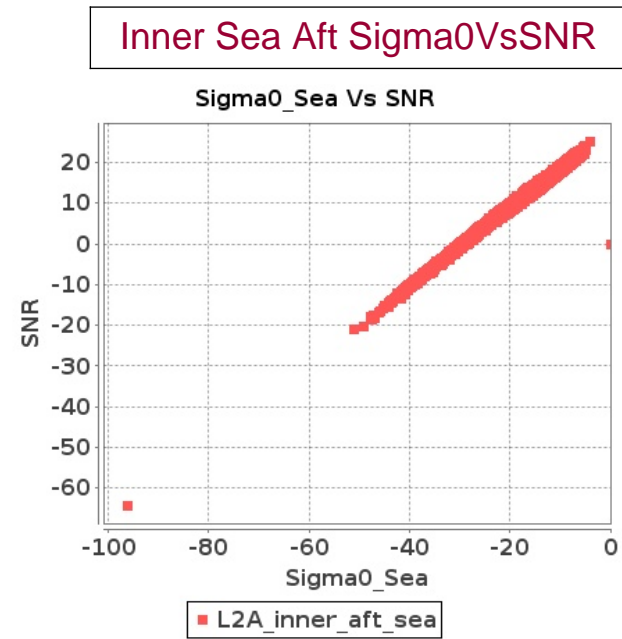


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 21-OCT-2019 To 22-OCT-2019



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

Report between 21-OCT-2019 To 22-OCT-2019

| 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 | 16237 | 16238 | SN | 1 | 0.0 | 48.449 | 1.386 | 0.0 | 45.683 | 1.849 | 0.0 | 44.848 | 0.969 | 0.0 | 45.114 | 1.267 | 0.0 | 48.322 | 1.397 | 0.0 | 45.482 | 1.724 | 0.0 | 46.098 | 0.892 | 0.0 | 42.071 | 1.113 |
| 2 | 16237 | 16238 | SN | 1 | 0.0 | 50.223 | 5.663 | 0.0 | 54.618 | 6.671 | 0.0 | 44.244 | 3.854 | 0.0 | 43.381 | 4.49 | 0.0 | 51.99 | 5.704 | 0.0 | 54.842 | 6.499 | 0.0 | 43.637 | 3.599 | 0.0 | 43.88 | 4.091 |
| 3 | 16237 | 16238 | SN | 1 | 0.0 | 56.933 | 5.643 | 0.0 | 56.133 | 6.631 | 0.0 | 45.015 | 3.833 | 0.0 | 45.76 | 4.532 | 0.0 | 56.539 | 5.734 | 0.0 | 56.848 | 6.489 | 0.0 | 45.964 | 3.578 | 0.0 | 45.01 | 4.091 |
| 4 | 16237 | 16238 | NS | 1 | 0.0 | 53.359 | 2.396 | 0.0 | 52.432 | 3.177 | 0.0 | 45.174 | 2.138 | 0.0 | 47.399 | 2.651 | 0.0 | 53.786 | 2.446 | 0.0 | 52.53 | 3.014 | 0.0 | 44.835 | 2.148 | 0.0 | 41.85 | 2.564 |
| 5 | 16237 | 16238 | NS | 1 | 0.0 | 57.988 | 9.566 | 0.0 | 60.638 | 12.05 | 0.0 | 50.471 | 7.529 | 0.0 | 48.526 | 8.808 | 0.0 | 57.531 | 9.769 | 0.0 | 57.62 | 11.888 | 0.0 | 49.854 | 7.5 | 0.0 | 49.412 | 8.659 |
| 6 | 16237 | 16238 | SN | 1 | 0.0 | 48.449 | 1.349 | 0.0 | 51.47 | 1.803 | 0.0 | 44.848 | 0.964 | 0.0 | 45.114 | 1.256 | 0.0 | 48.322 | 1.358 | 0.0 | 49.174 | 1.681 | 0.0 | 46.098 | 0.877 | 0.0 | 42.071 | 1.095 |
| 7 | 16237 | 16238 | SN | 1 | 0.0 | 50.223 | 5.776 | 0.0 | 54.618 | 6.796 | 0.0 | 44.244 | 3.947 | 0.0 | 43.381 | 4.53 | 0.0 | 51.99 | 5.828 | 0.0 | 54.842 | 6.63 | 0.0 | 43.637 | 3.707 | 0.0 | 43.88 | 4.144 |
| 8 | 16237 | 16238 | SN | 1 | 0.0 | 47.864 | 1.354 | 0.0 | 47.81 | 1.782 | 0.0 | 42.499 | 0.962 | 0.0 | 45.114 | 1.245 | 0.0 | 47.849 | 1.365 | 0.0 | 45.514 | 1.676 | 0.0 | 43.749 | 0.87 | 0.0 | 43.17 | 1.089 |
| 9 | 16238 | 16239 | NS | 1 | 0.0 | 57.005 | 5.111 | 0.0 | 57.072 | 6.531 | 0.0 | 45.544 | 4.144 | 0.0 | 45.844 | 4.974 | 0.0 | 58.064 | 5.111 | 0.0 | 56.624 | 6.288 | 0.0 | 42.405 | 4.172 | 0.0 | 44.241 | 4.974 |
| 10 | 16238 | 16239 | SN | 1 | 0.0 | 54.0 | 0.661 | 0.0 | 44.136 | 0.828 | 0.0 | 41.228 | 0.925 | 0.0 | 46.436 | 1.167 | 0.0 | 54.578 | 0.677 | 0.0 | 42.472 | 0.726 | 0.0 | 38.521 | 0.863 | 0.0 | 47.673 | 0.952 |
| 11 | 16238 | 16239 | NS | 1 | 0.0 | 44.684 | 1.364 | 0.0 | 54.289 | 1.848 | 0.0 | 40.791 | 1.245 | 0.0 | 45.165 | 1.568 | 0.0 | 45.346 | 1.346 | 0.0 | 52.892 | 1.778 | 0.0 | 40.028 | 1.263 | 0.0 | 45.969 | 1.473 |
| 12 | 16238 | 16239 | NS | 1 | 0.0 | 44.158 | 1.285 | 0.0 | 46.11 | 1.841 | 0.0 | 46.817 | 1.185 | 0.0 | 43.76 | 1.545 | 0.0 | 44.113 | 1.323 | 0.0 | 46.212 | 1.794 | 0.0 | 46.742 | 1.225 | 0.0 | 45.11 | 1.502 |
| 13 | 16238 | 16239 | SN | 1 | 0.0 | 45.143 | 0.647 | 0.0 | 44.227 | 0.835 | 0.0 | 40.793 | 0.91 | 0.0 | 46.359 | 1.166 | 0.0 | 46.673 | 0.658 | 0.0 | 42.561 | 0.732 | 0.0 | 40.573 | 0.835 | 0.0 | 47.597 | 0.963 |
| 14 | 16238 | 16239 | SN | 1 | 0.0 | 48.772 | 2.614 | 0.0 | 43.571 | 2.65 | 0.0 | 41.622 | 2.499 | 0.0 | 43.827 | 3.28 | 0.0 | 49.521 | 2.654 | 0.0 | 44.267 | 2.336 | 0.0 | 40.049 | 2.399 | 0.0 | 45.463 | 2.697 |
| 15 | 16238 | 16239 | SN | 1 | 0.0 | 50.106 | 2.535 | 0.0 | 46.362 | 2.654 | 0.0 | 41.82 | 2.554 | 0.0 | 44.465 | 3.294 | 0.0 | 50.852 | 2.596 | 0.0 | 45.611 | 2.335 | 0.0 | 41.948 | 2.468 | 0.0 | 45.463 | 2.732 |
| 16 | 16238 | 16239 | SN | 1 | 0.0 | 48.772 | 2.566 | 0.0 | 43.458 | 2.633 | 0.0 | 41.622 | 2.539 | 0.0 | 43.827 | 3.286 | 0.0 | 49.521 | 2.586 | 0.0 | 44.267 | 2.314 | 0.0 | 40.049 | 2.424 | 0.0 | 45.463 | 2.674 |
| 17 | 16238 | 16239 | SN | 1 | 0.0 | 54.0 | 0.651 | 0.0 | 44.136 | 0.833 | 0.0 | 41.228 | 0.928 | 0.0 | 46.436 | 1.159 | 0.0 | 54.578 | 0.667 | 0.0 | 42.472 | 0.728 | 0.0 | 38.521 | 0.869 | 0.0 | 47.673 | 0.947 |
| 18 | 16238 | 16239 | NS | 1 | 0.0 | 49.26 | 5.336 | 0.0 | 52.669 | 6.508 | 0.0 | 46.784 | 4.244 | 0.0 | 47.408 | 4.996 | 0.0 | 49.289 | 5.296 | 0.0 | 53.732 | 6.366 | 0.0 | 45.642 | 4.187 | 0.0 | 46.983 | 5.003 |
| 19 | 16239 | 16240 | SN | 1 | 0.0 | 39.156 | 3.52 | 0.0 | 45.377 | 5.3 | 0.0 | 36.245 | 4.169 | 0.0 | 45.124 | 5.375 | 0.0 | 40.57 | 3.623 | 0.0 | 48.0 | 5.062 | 0.0 | 36.439 | 4.112 | 0.0 | 45.273 | 5.079 |
| 20 | 16239 | 16240 | SN | 1 | 0.0 | 39.586 | 0.983 | 0.0 | 41.036 | 1.574 | 0.0 | 42.331 | 1.275 | 0.0 | 38.182 | 1.891 | 0.0 | 39.151 | 0.983 | 0.0 | 40.77 | 1.455 | 0.0 | 40.767 | 1.19 | 0.0 | 37.19 | 1.703 |
| 21 | 16239 | 16240 | NS | 1 | 0.0 | 54.802 | 3.564 | 0.0 | 48.248 | 3.935 | 0.0 | 39.736 | 3.456 | 0.0 | 47.979 | 3.861 | 0.0 | 55.235 | 3.544 | 0.0 | 49.291 | 3.65 | 0.0 | 39.177 | 3.392 | 0.0 | 43.269 | 3.37 |
| 22 | 16239 | 16240 | NS | 1 | 0.0 | 38.208 | 0.949 | 0.0 | 40.358 | 1.148 | 0.0 | 36.122 | 0.941 | 0.0 | 37.402 | 1.227 | 0.0 | 38.044 | 0.936 | 0.0 | 39.688 | 1.098 | 0.0 | 36.251 | 0.946 | 0.0 | 36.602 | 1.015 |
| 23 | 16239 | 16240 | SN | 1 | 0.0 | 39.586 | 0.96 | 0.0 | 41.036 | 1.576 | 0.0 | 42.331 | 1.263 | 0.0 | 38.182 | 1.895 | 0.0 | 39.151 | 0.958 | 0.0 | 40.77 | 1.456 | 0.0 | 40.767 | 1.172 | 0.0 | 37.19 | 1.706 |
| 24 | 16239 | 16240 | SN | 1 | 0.0 | 39.156 | 3.606 | 0.0 | 45.377 | 5.402 | 0.0 | 36.245 | 4.221 | 0.0 | 45.124 | 5.399 | 0.0 | 40.57 | 3.707 | 0.0 | 48.0 | 5.178 | 0.0 | 36.439 | 4.179 | 0.0 | 45.273 | 5.094 |
| 25 | 16240 | 16241 | SN | 1 | 0.0 | 44.009 | 7.15 | 0.0 | 47.419 | 8.884 | 0.0 | 41.914 | 6.168 | 0.0 | 37.92 | 7.362 | 0.0 | 44.77 | 7.233 | 0.0 | 47.513 | 8.281 | 0.0 | 40.741 | 6.073 | 0.0 | 38.034 | 7.034 |
| 26 | 16240 | 16241 | NS | 1 | 0.0 | 50.516 | 4.467 | 0.0 | 51.82 | 6.08 | 0.0 | 43.506 | 3.634 | 0.0 | 49.529 | 4.431 | 0.0 | 51.525 | 4.407 | 0.0 | 52.685 | 5.979 | 0.0 | 42.736 | 3.392 | 0.0 | 47.687 | 4.054 |
| 27 | 16240 | 16241 | NS | 1 | 0.0 | 49.058 | 4.515 | 0.0 | 51.786 | 5.975 | 0.0 | 46.925 | 3.456 | 0.0 | 45.456 | 4.414 | 0.0 | 49.749 | 4.536 | 0.0 | 53.611 | 5.62 | 0.0 | 44.576 | 3.328 | 0.0 | 44.406 | 3.952 |
| 28 | 16240 | 16241 | SN | 1 | 0.0 | 42.307 | 1.759 | 0.0 | 41.788 | 2.388 | 0.0 | 37.888 | 1.95 | 0.0 | 39.158 | 2.5 | 0.0 | 42.133 | 1.757 | 0.0 | 40.453 | 2.203 | 0.0 | 37.125 | 1.877 | 0.0 | 37.144 | 2.188 |
| 29 | 16240 | 16241 | SN | 1 | 0.0 | 42.561 | 1.773 | 0.0 | 41.788 | 2.388 | 0.0 | 37.888 | 1.95 | 0.0 | 39.158 | 2.486 | 0.0 | 42.387 | 1.759 | 0.0 | 40.453 | 2.214 | 0.0 | 37.125 | 1.874 | 0.0 | 36.305 | 2.184 |
| 30 | 16240 | 16241 | SN | 1 | 0.0 | 44.009 | 7.182 | 0.0 | 47.055 | 8.681 | 0.0 | 42.123 | 6.102 | 0.0 | 37.357 | 7.164 | 0.0 | 44.77 | 7.354 | 0.0 | 44.485 | 8.143 | 0.0 | 41.238 | 6.031 | 0.0 | 38.055 | 6.908 |
| 31 | 16240 | 16241 | SN | 1 | 0.0 | 44.009 | 7.212 | 0.0 | 47.414 | 8.712 | 0.0 | 42.123 | 6.109 | 0.0 | 37.92 | 7.192 | 0.0 | 44.77 | 7.374 | 0.0 | 47.509 | 8.133 | 0.0 | 41.274 | 6.052 | 0.0 | 38.034 | 6.929 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|
| 32 | 16240 | 16241 | SN | 1 | 0.0 | 44.728 | 1.782 | 0.0 | 41.788 | 2.451 | 0.0 | 38.833 | 1.911 | 0.0 | 39.158 | 2.55 | 0.0 | 44.129 | 1.768 | 0.0 | 40.453 | 2.268 | 0.0 | 38.086 | 1.847 | 0.0 | 36.339 | 2.247 |
| 33 | 16240 | 16241 | NS | 1 | 0.0 | 48.222 | 1.062 | 0.0 | 47.519 | 1.597 | 0.0 | 45.182 | 0.948 | 0.0 | 49.377 | 1.382 | 0.0 | 47.475 | 1.065 | 0.0 | 45.684 | 1.527 | 0.0 | 41.997 | 0.921 | 0.0 | 51.237 | 1.219 |
| 34 | 16240 | 16241 | NS | 1 | 0.0 | 45.572 | 1.132 | 0.0 | 47.519 | 1.557 | 0.0 | 44.863 | 1.012 | 0.0 | 39.871 | 1.303 | 0.0 | 44.814 | 1.125 | 0.0 | 45.684 | 1.471 | 0.0 | 42.526 | 0.964 | 0.0 | 39.848 | 1.148 |
| 35 | 16241 | 16242 | NS | 1 | 0.0 | 49.903 | 3.004 | 0.0 | 45.777 | 4.19 | 0.0 | 43.588 | 3.256 | 0.0 | 46.483 | 4.646 | 0.0 | 49.983 | 3.085 | 0.0 | 46.655 | 4.007 | 0.0 | 44.526 | 3.192 | 0.0 | 43.921 | 4.183 |
| 36 | 16241 | 16242 | SN | 1 | 0.0 | 42.362 | 1.385 | 0.0 | 45.935 | 1.913 | 0.0 | 39.961 | 1.644 | 0.0 | 37.462 | 2.455 | 0.0 | 43.705 | 1.399 | 0.0 | 42.903 | 1.721 | 0.0 | 38.604 | 1.569 | 0.0 | 39.591 | 2.069 |
| 37 | 16241 | 16242 | SN | 1 | 0.0 | 51.605 | 5.621 | 0.0 | 46.224 | 6.669 | 0.0 | 38.437 | 4.979 | 0.0 | 38.284 | 6.65 | 0.0 | 52.999 | 5.55 | 0.0 | 45.964 | 6.283 | 0.0 | 38.74 | 4.752 | 0.0 | 38.068 | 6.046 |
| 38 | 16241 | 16242 | NS | 1 | 0.0 | 49.903 | 3.054 | 0.0 | 46.249 | 4.18 | 0.0 | 43.409 | 3.313 | 0.0 | 42.796 | 4.632 | 0.0 | 49.983 | 3.146 | 0.0 | 47.495 | 3.926 | 0.0 | 43.531 | 3.178 | 0.0 | 42.096 | 4.212 |
| 39 | 16241 | 16242 | NS | 1 | 0.0 | 40.406 | 0.92 | 0.0 | 39.561 | 1.254 | 0.0 | 40.64 | 0.965 | 0.0 | 43.307 | 1.553 | 0.0 | 41.665 | 0.956 | 0.0 | 40.727 | 1.159 | 0.0 | 39.274 | 0.933 | 0.0 | 43.186 | 1.327 |
| 40 | 16241 | 16242 | SN | 1 | 0.0 | 44.233 | 1.364 | 0.0 | 45.935 | 1.85 | 0.0 | 39.961 | 1.593 | 0.0 | 37.886 | 2.378 | 0.0 | 45.6 | 1.373 | 0.0 | 43.013 | 1.662 | 0.0 | 38.604 | 1.524 | 0.0 | 39.214 | 2.004 |
| 41 | 16241 | 16242 | SN | 1 | 0.0 | 51.605 | 5.621 | 0.0 | 46.224 | 6.669 | 0.0 | 38.437 | 4.979 | 0.0 | 38.284 | 6.65 | 0.0 | 52.999 | 5.55 | 0.0 | 45.964 | 6.283 | 0.0 | 38.74 | 4.752 | 0.0 | 38.068 | 6.046 |
| 42 | 16241 | 16242 | NS | 1 | 0.0 | 42.111 | 0.895 | 0.0 | 39.548 | 1.259 | 0.0 | 42.623 | 0.94 | 0.0 | 42.909 | 1.532 | 0.0 | 42.251 | 0.929 | 0.0 | 40.712 | 1.18 | 0.0 | 43.194 | 0.923 | 0.0 | 42.392 | 1.313 |
| 43 | 16241 | 16242 | SN | 1 | 0.0 | 50.694 | 5.735 | 0.0 | 46.224 | 6.841 | 0.0 | 41.093 | 5.117 | 0.0 | 39.362 | 6.875 | 0.0 | 52.088 | 5.683 | 0.0 | 45.964 | 6.483 | 0.0 | 41.214 | 4.896 | 0.0 | 38.565 | 6.285 |
| 44 | 16241 | 16242 | SN | 1 | 0.0 | 44.233 | 1.364 | 0.0 | 45.935 | 1.85 | 0.0 | 39.961 | 1.593 | 0.0 | 37.886 | 2.378 | 0.0 | 45.6 | 1.373 | 0.0 | 43.013 | 1.662 | 0.0 | 38.604 | 1.524 | 0.0 | 39.214 | 2.004 |
| 45 | 16242 | 16243 | SN | 1 | 0.0 | 44.011 | 1.699 | 0.0 | 46.826 | 2.363 | 0.0 | 40.214 | 1.607 | 0.0 | 41.115 | 2.399 | 0.0 | 44.103 | 1.67 | 0.0 | 45.467 | 2.248 | 0.0 | 40.17 | 1.554 | 0.0 | 42.893 | 2.161 |
| 46 | 16242 | 16243 | SN | 1 | 0.0 | 47.717 | 6.242 | 0.0 | 48.191 | 7.907 | 0.0 | 44.632 | 5.631 | 0.0 | 43.734 | 7.098 | 0.0 | 47.06 | 6.333 | 0.0 | 46.257 | 7.318 | 0.0 | 44.058 | 5.453 | 0.0 | 42.557 | 6.572 |
| 47 | 16242 | 16243 | SN | 1 | 0.0 | 45.502 | 1.786 | 0.0 | 47.168 | 2.473 | 0.0 | 40.214 | 1.642 | 0.0 | 41.0 | 2.487 | 0.0 | 45.228 | 1.769 | 0.0 | 45.807 | 2.356 | 0.0 | 40.539 | 1.601 | 0.0 | 43.54 | 2.239 |
| 48 | 16242 | 16243 | SN | 1 | 0.0 | 52.505 | 6.535 | 0.0 | 48.529 | 8.298 | 0.0 | 42.72 | 5.711 | 0.0 | 43.874 | 7.517 | 0.0 | 51.779 | 6.546 | 0.0 | 46.505 | 7.687 | 0.0 | 40.012 | 5.644 | 0.0 | 41.741 | 6.983 |
| 49 | 16242 | 16243 | NS | 1 | 0.0 | 48.24 | 1.158 | 0.0 | 43.912 | 1.648 | 0.0 | 41.46 | 1.382 | 0.0 | 39.452 | 1.594 | 0.0 | 47.529 | 1.163 | 0.0 | 43.625 | 1.499 | 0.0 | 39.523 | 1.298 | 0.0 | 37.665 | 1.404 |
| 50 | 16242 | 16243 | SN | 1 | 0.0 | 47.717 | 6.191 | 0.0 | 48.529 | 7.917 | 0.0 | 44.561 | 5.652 | 0.0 | 43.874 | 7.084 | 0.0 | 47.632 | 6.252 | 0.0 | 46.505 | 7.339 | 0.0 | 43.987 | 5.46 | 0.0 | 42.201 | 6.615 |
| 51 | 16242 | 16243 | NS | 1 | 0.0 | 48.78 | 4.414 | 0.0 | 49.971 | 5.553 | 0.0 | 46.062 | 4.664 | 0.0 | 43.249 | 5.067 | 0.0 | 50.095 | 4.526 | 0.0 | 49.087 | 5.533 | 0.0 | 43.403 | 4.543 | 0.0 | 43.862 | 4.461 |
| 52 | 16242 | 16243 | NS | 1 | 0.0 | 46.774 | 1.148 | 0.0 | 46.647 | 1.629 | 0.0 | 42.9 | 1.329 | 0.0 | 42.276 | 1.602 | 0.0 | 46.461 | 1.189 | 0.0 | 48.877 | 1.507 | 0.0 | 41.29 | 1.269 | 0.0 | 42.961 | 1.42 |
| 53 | 16242 | 16243 | NS | 1 | 0.0 | 48.78 | 4.27 | 0.0 | 48.809 | 5.41 | 0.0 | 50.407 | 4.372 | 0.0 | 44.236 | 5.184 | 0.0 | 50.171 | 4.219 | 0.0 | 50.514 | 5.207 | 0.0 | 50.63 | 4.351 | 0.0 | 42.565 | 4.48 |
| 54 | 16242 | 16243 | SN | 1 | 0.0 | 44.011 | 1.699 | 0.0 | 47.168 | 2.361 | 0.0 | 40.214 | 1.618 | 0.0 | 40.862 | 2.408 | 0.0 | 44.105 | 1.665 | 0.0 | 45.807 | 2.243 | 0.0 | 40.539 | 1.554 | 0.0 | 42.641 | 2.145 |
| 55 | 16243 | 16244 | NS | 1 | 0.0 | 46.046 | 1.109 | 0.0 | 48.036 | 1.437 | 0.0 | 43.093 | 1.073 | 0.0 | 39.104 | 1.888 | 0.0 | 46.048 | 1.098 | 0.0 | 48.639 | 1.32 | 0.0 | 43.39 | 1.004 | 0.0 | 38.507 | 1.522 |
| 56 | 16243 | 16244 | SN | 1 | 0.0 | 55.687 | 2.206 | 0.0 | 51.3 | 2.929 | 0.0 | 40.355 | 1.732 | 0.0 | 46.333 | 2.322 | 0.0 | 55.15 | 2.276 | 0.0 | 53.635 | 2.995 | 0.0 | 39.926 | 1.768 | 0.0 | 50.31 | 2.373 |
| 57 | 16243 | 16244 | SN | 1 | 0.0 | 53.644 | 2.206 | 0.0 | 49.188 | 2.961 | 0.0 | 48.296 | 1.72 | 0.0 | 41.006 | 2.332 | 0.0 | 53.108 | 2.254 | 0.0 | 47.373 | 3.013 | 0.0 | 46.731 | 1.782 | 0.0 | 41.641 | 2.38 |
| 58 | 16243 | 16244 | SN | 1 | 0.0 | 50.813 | 9.316 | 0.0 | 54.713 | 10.556 | 0.0 | 48.223 | 6.701 | 0.0 | 45.76 | 8.063 | 0.0 | 52.363 | 9.579 | 0.0 | 55.242 | 10.72 | 0.0 | 47.163 | 6.97 | 0.0 | 48.186 | 8.255 |
| 59 | 16243 | 16244 | NS | 1 | 0.0 | 42.866 | 3.764 | 0.0 | 45.528 | 4.919 | 0.0 | 45.694 | 3.654 | 0.0 | 43.11 | 5.232 | 0.0 | 43.754 | 3.784 | 0.0 | 46.996 | 4.513 | 0.0 | 44.078 | 3.519 | 0.0 | 43.419 | 4.62 |
| 60 | 16243 | 16244 | NS | 1 | 0.0 | 42.986 | 3.703 | 0.0 | 45.544 | 4.909 | 0.0 | 45.692 | 3.689 | 0.0 | 42.637 | 5.168 | 0.0 | 43.754 | 3.733 | 0.0 | 46.995 | 4.513 | 0.0 | 44.078 | 3.54 | 0.0 | 43.443 | 4.542 |
| 61 | 16243 | 16244 | SN | 1 | 0.0 | 50.813 | 8.764 | 0.0 | 54.713 | 10.185 | 0.0 | 48.223 | 6.26 | 0.0 | 45.76 | 7.685 | 0.0 | 52.363 | 8.987 | 0.0 | 55.242 | 10.256 | 0.0 | 47.163 | 6.48 | 0.0 | 48.186 | 7.806 |
| 62 | 16243 | 16244 | SN | 1 | 0.0 | 52.596 | 8.764 | 0.0 | 54.713 | 10.195 | 0.0 | 42.739 | 6.253 | 0.0 | 44.469 | 7.727 | 0.0 | 53.151 | 8.956 | 0.0 | 55.242 | 10.327 | 0.0 | 42.236 | 6.487 | 0.0 | 43.717 | 7.82 |
| 63 | 16243 | 16244 | SN | 1 | 0.0 | 55.687 | 2.355 | 0.0 | 51.3 | 3.093 | 0.0 | 40.355 | 1.852 | 0.0 | 46.333 | 2.435 | 0.0 | 55.15 | 2.425 | 0.0 | 53.635 | 3.162 | 0.0 | 39.926 | 1.898 | 0.0 | 50.31 | 2.51 |
| 64 | 16243 | 16244 | NS | 1 | 0.0 | 46.057 | 1.102 | 0.0 | 47.832 | 1.453 | 0.0 | 43.093 | 1.08 | 0.0 | 39.353 | 1.895 | 0.0 | 46.06 | 1.095 | 0.0 | 48.207 | 1.32 | 0.0 | 43.39 | 1.011 | 0.0 | 37.416 | 1.519 |
| 65 | 16244 | 16245 | SN | 1 | 0.0 | 51.515 | 1.258 | 0.0 | 46.794 | 1.635 | 0.0 | 46.031 | 1.149 | 0.0 | 39.529 | 1.405 | 0.0 | 51.357 | 1.24 | 0.0 | 45.704 | 1.531 | 0.0 | 42.757 | 1.089 | 0.0 | 38.738 | 1.261 |
| 66 | 16244 | 16245 | NS | 1 | 0.0 | 50.344 | 2.933 | 0.0 | 50.001 | 4.513 | 0.0 | 43.54 | 3.683 | 0.0 | 45.739 | 5.074 | 0.0 | 51.588 | 2.944 | 0.0 | 49.118 | 4.077 | 0.0 | 44.686 | 3.555 | 0.0 | 42.816 | 4.648 |
| 67 | 16244 | 16245 | SN | 1 | 0.0 | 56.011 | 4.517 | 0.0 | 48.718 | 5.593 | 0.0 | 48.621 | 3.945 | 0.0 | 47.026 | 4.837 | 0.0 | 56.245 | 4.538 | 0.0 | 50.362 | 5.329 | 0.0 | 48.77 | 3.81 | 0.0 | 47.737 | 4.119 |

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

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|-----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 16244 | 16245 | SN | 1 | 0.0 | 56.011 | 4.517 | 0.0 | 48.718 | 5.593 | 0.0 | 48.621 | 3.945 | 0.0 | 47.026 | 4.837 | 0.0 | 56.245 | 4.538 | 0.0 | 50.362 | 5.329 | 0.0 | 48.77 | 3.81 | 0.0 | 47.737 | 4.119 |
| 69 | 16244 | 16245 | NS | 1 | 0.0 | 47.801 | 0.859 | 0.0 | 41.419 | 1.369 | 0.0 | 46.869 | 1.187 | 0.0 | 41.964 | 1.765 | 0.0 | 48.32 | 0.841 | 0.0 | 39.667 | 1.2 | 0.0 | 43.259 | 1.111 | 0.0 | 38.9 | 1.501 |
| 70 | 16244 | 16245 | SN | 1 | 0.0 | 51.515 | 1.258 | 0.0 | 46.794 | 1.635 | 0.0 | 46.031 | 1.149 | 0.0 | 39.529 | 1.405 | 0.0 | 51.357 | 1.24 | 0.0 | 45.704 | 1.531 | 0.0 | 42.757 | 1.089 | 0.0 | 38.738 | 1.261 |
| 71 | 16244 | 16245 | NS | 1 | 0.0 | 47.736 | 0.859 | 0.0 | 41.497 | 1.362 | 0.0 | 46.869 | 1.187 | 0.0 | 41.941 | 1.756 | 0.0 | 48.255 | 0.845 | 0.0 | 39.669 | 1.182 | 0.0 | 43.257 | 1.109 | 0.0 | 39.002 | 1.476 |
| 72 | 16244 | 16245 | NS | 1 | 0.0 | 50.281 | 2.944 | 0.0 | 50.95 | 4.574 | 0.0 | 43.667 | 3.641 | 0.0 | 45.93 | 5.117 | 0.0 | 51.524 | 2.944 | 0.0 | 49.98 | 4.097 | 0.0 | 44.814 | 3.52 | 0.0 | 43.008 | 4.634 |
| 73 | 16244 | 16245 | SN | 1 | 0.0 | 51.515 | 1.364 | 0.0 | 46.794 | 1.744 | 0.0 | 46.031 | 1.232 | 0.0 | 39.529 | 1.495 | 0.0 | 51.357 | 1.352 | 0.0 | 45.704 | 1.638 | 0.0 | 42.757 | 1.173 | 0.0 | 38.738 | 1.347 |
| 74 | 16244 | 16245 | SN | 1 | 0.0 | 56.011 | 4.81 | 0.0 | 48.718 | 5.909 | 0.0 | 48.621 | 4.209 | 0.0 | 47.026 | 5.088 | 0.0 | 56.245 | 4.821 | 0.0 | 50.362 | 5.581 | 0.0 | 48.77 | 4.114 | 0.0 | 47.737 | 4.367 |
| 75 | 16245 | 16246 | SN | 1 | 0.0 | 51.323 | 2.867 | 0.0 | 50.579 | 3.868 | 0.0 | 44.97 | 3.335 | 0.0 | 47.587 | 4.403 | 0.0 | 50.802 | 2.765 | 0.0 | 50.271 | 3.594 | 0.0 | 43.728 | 3.25 | 0.0 | 44.526 | 4.161 |
| 76 | 16245 | 16246 | NS | 1 | 0.0 | 46.399 | 5.267 | 0.0 | 47.761 | 6.755 | 0.0 | 46.438 | 4.537 | 0.0 | 46.042 | 5.835 | 0.0 | 46.471 | 5.318 | 0.0 | 48.186 | 6.227 | 0.0 | 47.179 | 4.259 | 0.0 | 44.602 | 5.096 |
| 77 | 16245 | 16246 | NS | 1 | 0.0 | 46.452 | 1.304 | 0.0 | 46.566 | 1.855 | 0.0 | 41.248 | 1.184 | 0.0 | 44.337 | 1.801 | 0.0 | 45.953 | 1.322 | 0.0 | 44.479 | 1.67 | 0.0 | 42.193 | 1.118 | 0.0 | 45.061 | 1.502 |
| 78 | 16245 | 16246 | SN | 1 | 0.0 | 41.947 | 0.803 | 0.0 | 45.313 | 1.178 | 0.0 | 42.659 | 0.992 | 0.0 | 41.797 | 1.469 | 0.0 | 43.005 | 0.81 | 0.0 | 45.367 | 1.088 | 0.0 | 41.227 | 1.011 | 0.0 | 44.346 | 1.339 |
| 79 | 16246 | 16247 | SN | 1 | 0.0 | 42.075 | 1.152 | 0.0 | 46.43 | 1.511 | 0.0 | 40.742 | 1.246 | 0.0 | 38.944 | 1.671 | 0.0 | 40.898 | 1.163 | 0.0 | 44.756 | 1.375 | 0.0 | 39.031 | 1.151 | 0.0 | 37.248 | 1.392 |
| 80 | 16246 | 16247 | NS | 1 | 0.0 | 50.957 | 3.774 | 0.0 | 54.467 | 4.272 | 0.0 | 39.565 | 3.803 | 0.0 | 44.744 | 4.663 | 0.0 | 51.6 | 3.774 | 0.0 | 55.279 | 3.957 | 0.0 | 38.989 | 3.576 | 0.0 | 43.311 | 4.172 |
| 81 | 16246 | 16247 | SN | 1 | 0.0 | 44.204 | 4.951 | 0.0 | 48.477 | 5.593 | 0.0 | 49.974 | 3.851 | 0.0 | 40.162 | 4.915 | 0.0 | 45.327 | 4.87 | 0.0 | 46.812 | 5.197 | 0.0 | 47.49 | 3.574 | 0.0 | 39.848 | 4.225 |
| 82 | 16246 | 16247 | NS | 1 | 0.0 | 44.469 | 0.992 | 0.0 | 42.068 | 1.336 | 0.0 | 37.287 | 1.121 | 0.0 | 38.578 | 1.581 | 0.0 | 44.823 | 0.956 | 0.0 | 42.327 | 1.202 | 0.0 | 35.51 | 1.089 | 0.0 | 35.78 | 1.322 |
| 83 | 16246 | 16247 | NS | 1 | 0.0 | 50.957 | 3.743 | 0.0 | 54.467 | 4.262 | 0.0 | 39.565 | 3.775 | 0.0 | 44.744 | 4.705 | 0.0 | 51.6 | 3.763 | 0.0 | 55.279 | 3.968 | 0.0 | 38.989 | 3.569 | 0.0 | 43.311 | 4.243 |
| 84 | 16246 | 16247 | NS | 1 | 0.0 | 44.469 | 0.994 | 0.0 | 42.068 | 1.338 | 0.0 | 37.287 | 1.146 | 0.0 | 38.578 | 1.581 | 0.0 | 44.823 | 0.962 | 0.0 | 42.327 | 1.209 | 0.0 | 35.51 | 1.089 | 0.0 | 35.78 | 1.336 |
| 85 | 16247 | 16248 | SN | 1 | 0.0 | 46.313 | 4.386 | 0.0 | 49.399 | 5.208 | 0.0 | 44.721 | 4.391 | 0.0 | 43.011 | 5.15 | 0.0 | 46.456 | 4.386 | 0.0 | 52.661 | 4.903 | 0.0 | 44.822 | 4.348 | 0.0 | 42.117 | 4.588 |
| 86 | 16247 | 16248 | NS | 1 | 0.0 | 41.699 | 0.806 | 0.0 | 41.339 | 1.227 | 0.0 | 41.286 | 1.013 | 0.0 | 42.898 | 1.596 | 0.0 | 41.822 | 0.806 | 0.0 | 42.489 | 1.106 | 0.0 | 40.422 | 0.933 | 0.0 | 42.327 | 1.359 |
| 87 | 16247 | 16248 | NS | 1 | 0.0 | 41.699 | 0.802 | 0.0 | 41.339 | 1.218 | 0.0 | 41.286 | 1.008 | 0.0 | 42.898 | 1.587 | 0.0 | 41.822 | 0.802 | 0.0 | 42.489 | 1.101 | 0.0 | 40.422 | 0.928 | 0.0 | 42.327 | 1.352 |
| 88 | 16247 | 16248 | NS | 1 | 0.0 | 41.699 | 0.8 | 0.0 | 41.339 | 1.216 | 0.0 | 41.286 | 1.008 | 0.0 | 42.898 | 1.565 | 0.0 | 41.822 | 0.797 | 0.0 | 42.489 | 1.105 | 0.0 | 40.422 | 0.935 | 0.0 | 42.327 | 1.351 |
| 89 | 16247 | 16248 | NS | 1 | 0.0 | 44.795 | 2.08 | 0.0 | 49.291 | 3.582 | 0.0 | 40.004 | 2.815 | 0.0 | 41.368 | 4.499 | 0.0 | 43.715 | 2.09 | 0.0 | 51.006 | 3.288 | 0.0 | 39.437 | 2.652 | 0.0 | 40.976 | 4.073 |
| 90 | 16247 | 16248 | NS | 1 | 0.0 | 44.795 | 2.029 | 0.0 | 49.291 | 3.612 | 0.0 | 41.183 | 2.694 | 0.0 | 41.368 | 4.414 | 0.0 | 43.715 | 2.069 | 0.0 | 51.006 | 3.349 | 0.0 | 39.437 | 2.538 | 0.0 | 40.976 | 3.98 |
| 91 | 16247 | 16248 | NS | 1 | 0.0 | 44.795 | 2.039 | 0.0 | 49.291 | 3.631 | 0.0 | 41.183 | 2.701 | 0.0 | 41.368 | 4.451 | 0.0 | 43.715 | 2.08 | 0.0 | 51.006 | 3.366 | 0.0 | 39.437 | 2.551 | 0.0 | 40.976 | 4.015 |
| 92 | 16247 | 16248 | SN | 1 | 0.0 | 44.733 | 1.335 | 0.0 | 50.55 | 1.712 | 0.0 | 44.837 | 1.092 | 0.0 | 45.977 | 1.479 | 0.0 | 45.003 | 1.357 | 0.0 | 49.6 | 1.576 | 0.0 | 43.56 | 1.096 | 0.0 | 46.992 | 1.304 |
| 93 | 16247 | 16248 | SN | 1 | 0.0 | 44.733 | 1.335 | 0.0 | 50.55 | 1.712 | 0.0 | 44.837 | 1.092 | 0.0 | 45.977 | 1.479 | 0.0 | 45.003 | 1.357 | 0.0 | 49.6 | 1.576 | 0.0 | 43.56 | 1.096 | 0.0 | 46.992 | 1.304 |
| 94 | 16247 | 16248 | SN | 1 | 0.0 | 46.313 | 4.386 | 0.0 | 49.399 | 5.208 | 0.0 | 44.721 | 4.391 | 0.0 | 43.011 | 5.15 | 0.0 | 46.456 | 4.386 | 0.0 | 52.661 | 4.903 | 0.0 | 44.822 | 4.348 | 0.0 | 42.117 | 4.588 |
| 95 | 16248 | 16249 | SN | 1 | 0.0 | 52.839 | 3.788 | 0.0 | 47.767 | 4.487 | 0.0 | 43.474 | 3.327 | 0.0 | 43.248 | 4.175 | 0.0 | 52.624 | 3.818 | 0.0 | 51.794 | 4.213 | 0.0 | 41.984 | 3.178 | 0.0 | 39.986 | 3.784 |
| 96 | 16248 | 16249 | SN | 1 | 0.0 | 45.353 | 0.773 | 0.0 | 40.875 | 1.104 | 0.0 | 48.911 | 0.862 | 0.0 | 47.646 | 1.224 | 0.0 | 46.775 | 0.785 | 0.0 | 41.44 | 0.978 | 0.0 | 46.443 | 0.836 | 0.0 | 42.937 | 1.103 |
| 97 | 16248 | 16249 | SN | 1 | 0.0 | 52.839 | 3.788 | 0.0 | 47.767 | 4.487 | 0.0 | 43.474 | 3.327 | 0.0 | 43.248 | 4.175 | 0.0 | 52.624 | 3.818 | 0.0 | 51.794 | 4.213 | 0.0 | 41.984 | 3.178 | 0.0 | 39.986 | 3.784 |
| 98 | 16248 | 16249 | NS | 1 | 0.0 | 39.883 | 3.246 | 0.0 | 47.706 | 4.718 | 0.0 | 37.536 | 4.124 | 0.0 | 38.712 | 5.654 | 0.0 | 39.782 | 3.204 | 0.0 | 45.626 | 4.372 | 0.0 | 36.397 | 4.036 | 0.0 | 38.782 | 4.723 |
| 99 | 16248 | 16249 | NS | 1 | 0.0 | 38.127 | 1.057 | 0.0 | 40.604 | 1.505 | 0.0 | 39.555 | 1.35 | 0.0 | 41.599 | 2.045 | 0.0 | 38.013 | 1.05 | 0.0 | 39.107 | 1.356 | 0.0 | 38.486 | 1.281 | 0.0 | 38.178 | 1.618 |
| 100 | 16248 | 16249 | NS | 1 | 0.0 | 38.127 | 1.057 | 0.0 | 40.604 | 1.505 | 0.0 | 39.555 | 1.35 | 0.0 | 41.599 | 2.045 | 0.0 | 38.013 | 1.05 | 0.0 | 39.107 | 1.356 | 0.0 | 38.486 | 1.281 | 0.0 | 38.178 | 1.618 |
| 101 | 16248 | 16249 | NS | 1 | 0.0 | 38.127 | 1.082 | 0.0 | 40.604 | 1.552 | 0.0 | 39.555 | 1.396 | 0.0 | 41.599 | 2.103 | 0.0 | 38.013 | 1.079 | 0.0 | 39.107 | 1.405 | 0.0 | 38.486 | 1.333 | 0.0 | 38.178 | 1.662 |
| 102 | 16248 | 16249 | NS | 1 | 0.0 | 39.883 | 3.134 | 0.0 | 47.706 | 4.564 | 0.0 | 37.536 | 4.08 | 0.0 | 38.72 | 5.488 | 0.0 | 39.782 | 3.093 | 0.0 | 45.626 | 4.249 | 0.0 | 36.397 | 3.96 | 0.0 | 38.782 | 4.606 |
| 103 | 16248 | 16249 | SN | 1 | 0.0 | 45.353 | 0.773 | 0.0 | 40.875 | 1.104 | 0.0 | 48.911 | 0.862 | 0.0 | 47.646 | 1.224 | 0.0 | 46.775 | 0.785 | 0.0 | 41.44 | 0.978 | 0.0 | 46.443 | 0.836 | 0.0 | 42.937 | 1.103 |

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

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|-----|-------|-------|----|---|-----|--------|--------|-----|--------|--------|-----|--------|-------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|--------|-------|-----|--------|-------|
| 104 | 16248 | 16249 | NS | 1 | 0.0 | 39.883 | 3.134 | 0.0 | 47.706 | 4.564 | 0.0 | 37.536 | 4.08 | 0.0 | 38.72 | 5.488 | 0.0 | 39.782 | 3.093 | 0.0 | 45.626 | 4.249 | 0.0 | 36.397 | 3.96 | 0.0 | 38.782 | 4.606 |
| 105 | 16249 | 16250 | SN | 1 | 0.0 | 58.277 | 3.87 | 0.0 | 53.577 | 5.068 | 0.0 | 42.298 | 4.159 | 0.0 | 42.594 | 5.408 | 0.0 | 58.826 | 3.941 | 0.0 | 55.41 | 4.946 | 0.0 | 42.916 | 4.187 | 0.0 | 43.563 | 5.031 |
| 106 | 16249 | 16250 | SN | 1 | 0.0 | 57.884 | 3.921 | 0.0 | 49.643 | 5.037 | 0.0 | 45.131 | 4.095 | 0.0 | 48.984 | 5.45 | 0.0 | 58.432 | 4.002 | 0.0 | 49.519 | 4.946 | 0.0 | 45.746 | 4.152 | 0.0 | 44.972 | 5.08 |
| 107 | 16249 | 16250 | NS | 1 | 0.0 | 44.337 | 5.17 | 0.0 | 41.958 | 6.924 | 0.0 | 43.653 | 5.177 | 0.0 | 40.604 | 6.773 | 0.0 | 44.429 | 5.148 | 0.0 | 40.652 | 6.456 | 0.0 | 43.971 | 4.948 | 0.0 | 40.214 | 5.803 |
| 108 | 16249 | 16250 | SN | 1 | 0.0 | 41.537 | 1.026 | 0.0 | 41.248 | 1.545 | 0.0 | 36.433 | 1.277 | 0.0 | 43.885 | 1.877 | 0.0 | 40.955 | 1.038 | 0.0 | 38.363 | 1.52 | 0.0 | 35.436 | 1.268 | 0.0 | 40.85 | 1.669 |
| 109 | 16249 | 16250 | NS | 1 | 0.0 | 39.223 | 1.367 | 0.0 | 45.93 | 1.864 | 0.0 | 40.012 | 1.508 | 0.0 | 44.393 | 2.157 | 0.0 | 39.644 | 1.346 | 0.0 | 44.734 | 1.726 | 0.0 | 39.935 | 1.446 | 0.0 | 44.298 | 1.804 |
| 110 | 16249 | 16250 | NS | 1 | 0.0 | 39.223 | 1.367 | 0.0 | 45.93 | 1.864 | 0.0 | 40.937 | 1.51 | 0.0 | 44.393 | 2.157 | 0.0 | 39.644 | 1.349 | 0.0 | 44.734 | 1.726 | 0.0 | 40.858 | 1.446 | 0.0 | 44.298 | 1.804 |
| 111 | 16249 | 16250 | NS | 1 | 0.0 | 39.223 | 1.484 | 0.0 | 45.93 | 2.008 | 0.0 | 35.19 | 1.637 | 0.0 | 44.393 | 2.306 | 0.0 | 39.644 | 1.457 | 0.0 | 44.734 | 1.86 | 0.0 | 36.517 | 1.57 | 0.0 | 44.298 | 1.931 |
| 112 | 16249 | 16250 | SN | 1 | 0.0 | 41.874 | 1.015 | 0.0 | 38.844 | 1.57 | 0.0 | 39.319 | 1.282 | 0.0 | 37.635 | 1.886 | 0.0 | 41.293 | 1.029 | 0.0 | 37.08 | 1.518 | 0.0 | 40.367 | 1.272 | 0.0 | 37.436 | 1.676 |
| 113 | 16249 | 16250 | NS | 1 | 0.0 | 44.337 | 4.83 | 0.0 | 41.958 | 6.44 | 0.0 | 43.653 | 4.777 | 0.0 | 40.604 | 6.291 | 0.0 | 44.429 | 4.809 | 0.0 | 40.652 | 6.004 | 0.0 | 43.971 | 4.607 | 0.0 | 40.214 | 5.353 |
| 114 | 16249 | 16250 | NS | 1 | 0.0 | 44.337 | 4.83 | 0.0 | 41.958 | 6.44 | 0.0 | 43.653 | 4.785 | 0.0 | 40.604 | 6.291 | 0.0 | 44.429 | 4.809 | 0.0 | 40.652 | 6.004 | 0.0 | 43.971 | 4.6 | 0.0 | 40.214 | 5.353 |
| 115 | 16250 | 16251 | SN | 1 | 0.0 | 50.106 | 6.472 | 0.0 | 47.624 | 7.806 | 0.0 | 39.9 | 6.08 | 0.0 | 47.126 | 7.617 | 0.0 | 50.368 | 6.472 | 0.0 | 46.55 | 7.339 | 0.0 | 41.633 | 6.179 | 0.0 | 41.351 | 7.141 |
| 116 | 16250 | 16251 | SN | 1 | 0.0 | 47.612 | 6.729 | 0.0 | 47.624 | 8.309 | 0.0 | 44.657 | 6.273 | 0.0 | 41.58 | 8.211 | 0.0 | 48.309 | 6.762 | 0.0 | 47.425 | 7.82 | 0.0 | 44.079 | 6.452 | 0.0 | 40.869 | 7.697 |
| 117 | 16250 | 16251 | NS | 1 | 0.0 | 50.073 | 4.913 | 0.0 | 62.265 | 6.532 | 0.0 | 44.499 | 4.316 | 0.0 | 48.41 | 6.083 | 0.0 | 50.399 | 4.943 | 0.0 | 60.491 | 5.893 | 0.0 | 45.618 | 4.039 | 0.0 | 48.593 | 5.359 |
| 118 | 16250 | 16251 | NS | 1 | 0.0 | 50.073 | 4.923 | 0.0 | 62.265 | 6.542 | 0.0 | 44.499 | 4.309 | 0.0 | 48.41 | 6.076 | 0.0 | 50.399 | 4.953 | 0.0 | 60.491 | 5.903 | 0.0 | 45.618 | 4.032 | 0.0 | 48.593 | 5.351 |
| 119 | 16250 | 16251 | NS | 1 | 0.0 | 52.646 | 5.561 | 0.0 | 62.265 | 7.393 | 0.0 | 44.499 | 4.799 | 0.0 | 48.41 | 6.85 | 0.0 | 53.412 | 5.538 | 0.0 | 60.491 | 6.702 | 0.0 | 45.618 | 4.5 | 0.0 | 48.593 | 6.083 |
| 120 | 16250 | 16251 | SN | 1 | 0.0 | 50.873 | 6.513 | 0.0 | 47.484 | 7.745 | 0.0 | 39.857 | 5.995 | 0.0 | 47.126 | 7.681 | 0.0 | 50.66 | 6.472 | 0.0 | 46.411 | 7.288 | 0.0 | 41.589 | 6.165 | 0.0 | 41.354 | 7.098 |
| 121 | 16250 | 16251 | NS | 1 | 0.0 | 45.021 | 1.685 | 0.0 | 46.837 | 2.264 | 0.0 | 40.06 | 1.525 | 0.0 | 48.913 | 2.264 | 0.0 | 46.076 | 1.623 | 0.0 | 46.433 | 2.039 | 0.0 | 40.287 | 1.43 | 0.0 | 49.792 | 1.853 |
| 122 | 16250 | 16251 | SN | 1 | 0.0 | 41.483 | 1.886 | 0.0 | 42.038 | 2.271 | 0.0 | 38.884 | 2.063 | 0.0 | 40.135 | 2.693 | 0.0 | 42.304 | 1.896 | 0.0 | 42.783 | 2.128 | 0.0 | 37.625 | 2.064 | 0.0 | 37.873 | 2.402 |
| 123 | 16250 | 16251 | NS | 1 | 0.0 | 45.021 | 1.53 | 0.0 | 46.871 | 1.995 | 0.0 | 40.06 | 1.392 | 0.0 | 48.913 | 1.987 | 0.0 | 46.076 | 1.485 | 0.0 | 47.493 | 1.814 | 0.0 | 40.287 | 1.299 | 0.0 | 49.792 | 1.623 |
| 124 | 16250 | 16251 | NS | 1 | 0.0 | 45.021 | 1.523 | 0.0 | 46.871 | 1.997 | 0.0 | 40.06 | 1.384 | 0.0 | 48.913 | 1.99 | 0.0 | 46.076 | 1.485 | 0.0 | 47.493 | 1.814 | 0.0 | 40.287 | 1.299 | 0.0 | 49.792 | 1.628 |
| 125 | 16250 | 16251 | SN | 1 | 0.0 | 40.128 | 1.68 | 0.0 | 42.068 | 2.13 | 0.0 | 38.564 | 1.863 | 0.0 | 40.137 | 2.518 | 0.0 | 39.952 | 1.689 | 0.0 | 41.699 | 1.978 | 0.0 | 38.251 | 1.895 | 0.0 | 37.874 | 2.237 |
| 126 | 16250 | 16251 | SN | 1 | 0.0 | 42.063 | 1.7 | 0.0 | 42.038 | 2.128 | 0.0 | 38.884 | 1.875 | 0.0 | 40.135 | 2.489 | 0.0 | 41.919 | 1.712 | 0.0 | 40.622 | 1.985 | 0.0 | 37.625 | 1.907 | 0.0 | 37.873 | 2.212 |
| 127 | 16251 | 16252 | SN | 1 | 0.0 | 49.869 | 5.431 | 0.0 | 50.285 | 6.161 | 0.0 | 44.776 | 4.825 | 0.0 | 42.25 | 5.69 | 0.0 | 49.321 | 5.431 | 0.0 | 51.156 | 5.928 | 0.0 | 47.119 | 4.684 | 0.0 | 42.568 | 5.22 |
| 128 | 16251 | 16252 | SN | 1 | 0.0 | 49.869 | 5.431 | 0.0 | 50.285 | 6.161 | 0.0 | 44.776 | 4.825 | 0.0 | 42.25 | 5.69 | 0.0 | 49.321 | 5.431 | 0.0 | 51.156 | 5.928 | 0.0 | 47.119 | 4.684 | 0.0 | 42.568 | 5.22 |
| 129 | 16251 | 16252 | NS | 1 | 0.0 | 49.611 | 10.058 | 0.0 | 51.753 | 11.705 | 0.0 | 45.451 | 8.64 | 0.0 | 51.934 | 10.725 | 0.0 | 49.619 | 10.403 | 0.0 | 53.763 | 12.111 | 0.0 | 45.697 | 8.981 | 0.0 | 48.393 | 10.81 |
| 130 | 16251 | 16252 | SN | 1 | 0.0 | 41.887 | 1.293 | 0.0 | 41.469 | 1.82 | 0.0 | 40.476 | 1.357 | 0.0 | 44.95 | 1.705 | 0.0 | 41.209 | 1.27 | 0.0 | 41.858 | 1.678 | 0.0 | 39.846 | 1.307 | 0.0 | 41.778 | 1.57 |
| 131 | 16251 | 16252 | SN | 1 | 0.0 | 41.887 | 1.293 | 0.0 | 41.469 | 1.82 | 0.0 | 40.476 | 1.357 | 0.0 | 44.95 | 1.705 | 0.0 | 41.209 | 1.27 | 0.0 | 41.858 | 1.678 | 0.0 | 39.846 | 1.307 | 0.0 | 41.778 | 1.57 |
| 132 | 16251 | 16252 | SN | 1 | 0.0 | 49.869 | 5.771 | 0.0 | 50.285 | 6.459 | 0.0 | 42.555 | 4.881 | 0.0 | 44.312 | 5.99 | 0.0 | 49.321 | 5.739 | 0.0 | 51.156 | 6.213 | 0.0 | 42.982 | 4.836 | 0.0 | 45.382 | 5.487 |
| 133 | 16251 | 16252 | NS | 1 | 0.0 | 49.533 | 3.164 | 0.0 | 54.465 | 3.712 | 0.0 | 42.143 | 2.497 | 0.0 | 45.429 | 3.214 | 0.0 | 48.834 | 3.157 | 0.0 | 51.703 | 3.766 | 0.0 | 43.537 | 2.609 | 0.0 | 47.05 | 3.195 |
| 134 | 16251 | 16252 | NS | 1 | 0.0 | 48.731 | 3.114 | 0.0 | 54.869 | 3.68 | 0.0 | 44.606 | 2.519 | 0.0 | 47.963 | 3.223 | 0.0 | 48.542 | 3.098 | 0.0 | 52.104 | 3.773 | 0.0 | 43.197 | 2.616 | 0.0 | 49.584 | 3.188 |
| 135 | 16251 | 16252 | NS | 1 | 0.0 | 50.135 | 10.038 | 0.0 | 51.693 | 11.735 | 0.0 | 45.138 | 8.618 | 0.0 | 51.831 | 10.653 | 0.0 | 50.145 | 10.413 | 0.0 | 53.703 | 12.111 | 0.0 | 45.387 | 9.017 | 0.0 | 48.288 | 10.71 |
| 136 | 16251 | 16252 | SN | 1 | 0.0 | 44.39 | 1.347 | 0.0 | 41.469 | 1.905 | 0.0 | 40.476 | 1.394 | 0.0 | 44.95 | 1.8 | 0.0 | 44.623 | 1.318 | 0.0 | 41.858 | 1.76 | 0.0 | 39.846 | 1.358 | 0.0 | 41.778 | 1.665 |
| 137 | 16252 | 16253 | SN | 1 | 0.0 | 40.265 | 0.951 | 0.0 | 45.561 | 1.298 | 0.0 | 39.144 | 1.004 | 0.0 | 37.28 | 1.337 | 0.0 | 42.026 | 0.96 | 0.0 | 45.034 | 1.14 | 0.0 | 38.241 | 0.975 | 0.0 | 36.449 | 1.146 |
| 138 | 16252 | 16253 | NS | 1 | 0.0 | 44.568 | 1.22 | 0.0 | 56.473 | 1.722 | 0.0 | 40.637 | 1.064 | 0.0 | 43.731 | 1.558 | 0.0 | 45.917 | 1.254 | 0.0 | 54.635 | 1.704 | 0.0 | 41.29 | 1.04 | 0.0 | 45.76 | 1.333 |
| 139 | 16252 | 16253 | SN | 1 | 0.0 | 47.287 | 3.393 | 0.0 | 48.939 | 3.888 | 0.0 | 45.785 | 3.285 | 0.0 | 42.408 | 4.332 | 0.0 | 48.605 | 3.373 | 0.0 | 49.783 | 3.746 | 0.0 | 43.62 | 3.27 | 0.0 | 42.094 | 3.684 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|----------|-----------|-------|-----|--------|-------|----------|-----------|-------|----------|-----------|-------|----------|-----------|-------|-----|--------|-------|----------|-----------|-------|----------|-----------|-------|
| 140 | 16252 | 16253 | NS | 1 | 0.0 | 46.227 | 1.24 | 0.0 | 43.789 | 1.74 | 0.0 | 41.97 | 1.04 | 0.0 | 43.619 | 1.556 | 0.0 | 46.992 | 1.254 | 0.0 | 44.639 | 1.713 | 0.0 | 40.3 | 1.036 | 0.0 | 42.358 | 1.354 |
| 141 | 16252 | 16253 | SN | 1 | 0.0 | 47.287 | 3.395 | 0.0 | 48.939 | 3.876 | 0.0 | 45.785 | 3.324 | 0.0 | 42.408 | 4.327 | 0.0 | 48.605 | 3.375 | 0.0 | 49.783 | 3.732 | 0.0 | 43.62 | 3.31 | 0.0 | 42.094 | 3.67 |
| 142 | 16252 | 16253 | SN | 1 | 0.0 | 47.287 | 3.393 | 0.0 | 48.939 | 3.888 | 0.0 | 45.785 | 3.285 | 0.0 | 42.408 | 4.332 | 0.0 | 48.605 | 3.373 | 0.0 | 49.783 | 3.746 | 0.0 | 43.62 | 3.27 | 0.0 | 42.094 | 3.684 |
| 143 | 16252 | 16253 | NS | 1 | 0.0 | 46.006 | 4.656 | 0.0 | 50.488 | 5.724 | 0.0 | 48.152 | 4.059 | 0.0 | 47.303 | 5.189 | 0.0 | 46.901 | 4.646 | 0.0 | 49.776 | 5.642 | 0.0 | 47.475 | 3.995 | 0.0 | 46.573 | 4.763 |
| 144 | 16252 | 16253 | NS | 1 | 0.0 | 45.773 | 4.646 | 0.0 | 48.124 | 5.734 | 0.0 | 46.405 | 4.017 | 0.0 | 48.229 | 5.154 | 0.0 | 46.668 | 4.666 | 0.0 | 47.064 | 5.713 | 0.0 | 47.425 | 3.917 | 0.0 | 47.5 | 4.791 |
| 145 | 16252 | 16253 | SN | 1 | 0.0 | 40.265 | 0.945 | 0.0 | 45.561 | 1.291 | 0.0 | 39.144 | 0.99 | 0.0 | 37.28 | 1.332 | 0.0 | 42.026 | 0.952 | 0.0 | 45.034 | 1.135 | 0.0 | 38.241 | 0.963 | 0.0 | 36.449 | 1.144 |
| 146 | 16252 | 16253 | SN | 1 | 0.0 | 40.265 | 0.945 | 0.0 | 45.561 | 1.291 | 0.0 | 39.144 | 0.99 | 0.0 | 37.28 | 1.332 | 0.0 | 42.026 | 0.952 | 0.0 | 45.034 | 1.135 | 0.0 | 38.241 | 0.963 | 0.0 | 36.449 | 1.144 |
| 147 | 16253 | 16254 | NS | 1 | 0.0 | 36.919 | 1.057 | 0.0 | 40.974 | 1.411 | 0.0 | 36.455 | 1.224 | 0.0 | 44.303 | 1.596 | 0.0 | 37.876 | 1.086 | 0.0 | 39.995 | 1.311 | 0.0 | 37.397 | 1.242 | 0.0 | 44.014 | 1.55 |
| 148 | 16253 | 16254 | SN | 1 | 0.0 | 37.816 | 1.084 | 0.0 | 54.84 | 1.489 | 0.0 | 35.332 | 1.232 | 0.0 | 41.709 | 1.821 | 0.0 | 38.303 | 1.098 | 0.0 | 54.47 | 1.406 | 0.0 | 32.989 | 1.169 | 0.0 | 35.968 | 1.583 |
| 149 | 16253 | 16254 | SN | 1 | 0.0 | 37.917 | 1.085 | 0.0 | 38.565 | 1.477 | 0.0 | 37.137 | 1.23 | 0.0 | 41.709 | 1.804 | 0.0 | 38.457 | 1.092 | 0.0 | 38.107 | 1.393 | 0.0 | 37.038 | 1.171 | 0.0 | 35.968 | 1.566 |
| 150 | 16253 | 16254 | NS | 1 | 0.0 | 46.401 | 3.62 | 0.0 | 50.066 | 4.192 | 0.0 | 45.095 | 4.23 | 0.0 | 41.732 | 4.97 | 0.0 | 46.315 | 3.62 | 0.0 | 50.854 | 4.04 | 0.0 | 44.654 | 4.109 | 0.0 | 41.631 | 4.97 |
| 151 | 16253 | 16254 | SN | 1 | 0.0 | 37.844 | 1.082 | 0.0 | 38.565 | 1.496 | 0.0 | 37.137 | 1.232 | 0.0 | 41.709 | 1.815 | 0.0 | 38.382 | 1.091 | 0.0 | 38.107 | 1.411 | 0.0 | 37.038 | 1.169 | 0.0 | 35.968 | 1.578 |
| 152 | 16253 | 16254 | SN | 1 | 0.0 | 42.696 | 3.326 | 0.0 | 46.747 | 4.514 | 0.0 | 46.907 | 3.835 | 0.0 | 41.497 | 5.202 | 0.0 | 43.104 | 3.46 | 0.0 | 47.869 | 4.278 | 0.0 | 44.838 | 3.778 | 0.0 | 40.74 | 5.159 |
| 153 | 16253 | 16254 | SN | 1 | 0.0 | 42.85 | 3.375 | 0.0 | 46.747 | 4.426 | 0.0 | 46.75 | 3.806 | 0.0 | 41.457 | 5.136 | 0.0 | 43.259 | 3.476 | 0.0 | 47.869 | 4.193 | 0.0 | 44.679 | 3.749 | 0.0 | 40.699 | 5.079 |
| 154 | 16253 | 16254 | SN | 1 | 0.0 | 42.776 | 3.357 | 0.0 | 46.747 | 4.483 | 0.0 | 46.75 | 3.807 | 0.0 | 41.457 | 5.209 | 0.0 | 43.183 | 3.47 | 0.0 | 47.869 | 4.257 | 0.0 | 44.679 | 3.742 | 0.0 | 40.699 | 5.152 |
| 155 | 16253 | 16254 | NS | 1 | 0.0 | 38.233 | 0.974 | 0.0 | 42.778 | 1.349 | 0.0 | 40.569 | 1.245 | 0.0 | 38.363 | 1.539 | 0.0 | 37.444 | 0.969 | 0.0 | 41.384 | 1.288 | 0.0 | 40.311 | 1.292 | 0.0 | 39.497 | 1.528 |
| 156 | 16253 | 16254 | NS | 1 | 0.0 | 47.835 | 3.429 | 0.0 | 48.802 | 4.364 | 0.0 | 40.762 | 3.967 | 0.0 | 42.943 | 4.606 | 0.0 | 48.2 | 3.571 | 0.0 | 51.067 | 4.293 | 0.0 | 38.738 | 4.031 | 0.0 | 41.727 | 4.421 |
| 157 | 16254 | 16255 | SN | 1 | 0.0 | 42.375 | 0.915 | 0.0 | 41.409 | 1.354 | 0.0 | 35.286 | 1.132 | 0.0 | 39.724 | 1.829 | 0.0 | 42.673 | 0.892 | 0.0 | 41.087 | 1.182 | 0.0 | 33.997 | 1.062 | 0.0 | 38.725 | 1.527 |
| 158 | 16254 | 16255 | SN | 1 | 0.0 | 42.555 | 0.891 | 0.0 | 38.745 | 1.331 | 0.0 | 37.908 | 1.109 | 0.0 | 38.333 | 1.804 | 0.0 | 42.875 | 0.864 | 0.0 | 39.049 | 1.159 | 0.0 | 37.567 | 1.041 | 0.0 | 35.902 | 1.526 |
| 159 | 16254 | 16255 | NS | 1 | 0.0 | 48.539 | 3.744 | 0.0 | 45.522 | 5.013 | 0.0 | 43.633 | 4.352 | 0.0 | 47.728 | 5.715 | 0.0 | 49.469 | 3.836 | 0.0 | 44.844 | 4.809 | 0.0 | 43.765 | 4.451 | 0.0 | 46.519 | 5.636 |
| 160 | 16254 | 16255 | NS | 1 | 0.0 | 55.16 | 1.401 | 0.0 | 48.925 | 1.726 | 0.0 | 47.714 | 1.421 | 0.0 | 44.86 | 1.859 | 0.0 | 55.24 | 1.387 | 0.0 | 48.504 | 1.647 | 0.0 | 46.073 | 1.411 | 0.0 | 46.818 | 1.807 |
| 161 | 16254 | 16255 | SN | 1 | 0.0 | 42.555 | 3.404 | 0.0 | 45.988 | 4.418 | 0.0 | 39.91 | 3.484 | 0.0 | 37.563 | 4.952 | 0.0 | 42.875 | 3.404 | 0.0 | 44.084 | 4.143 | 0.0 | 41.819 | 3.591 | 0.0 | 36.898 | 4.476 |
| 162 | 16254 | 16255 | SN | 1 | 0.0 | 45.522 | 3.292 | 0.0 | 46.172 | 4.407 | 0.0 | 43.279 | 3.477 | 0.0 | 40.706 | 4.974 | 0.0 | 46.886 | 3.363 | 0.0 | 45.246 | 4.143 | 0.0 | 45.543 | 3.676 | 0.0 | 37.785 | 4.533 |
| 163 | 16254 | 16255 | SN | 1 | 0.0 | 40.698 | 3.367 | 0.0 | 46.172 | 4.477 | 0.0 | 37.905 | 3.59 | 0.0 | 40.706 | 5.05 | 0.0 | 40.677 | 3.388 | 0.0 | 45.246 | 4.198 | 0.0 | 39.502 | 3.742 | 0.0 | 37.785 | 4.608 |
| 164 | 16254 | 16255 | SN | 1 | 0.0 | 45.179 | 0.895 | 0.0 | 38.93 | 1.331 | 0.0 | 36.141 | 1.135 | 0.0 | 35.841 | 1.801 | 0.0 | 45.476 | 0.88 | 0.0 | 39.238 | 1.161 | 0.0 | 36.088 | 1.066 | 0.0 | 37.551 | 1.494 |
| 165 | 16255 | 16256 | SN | 1 | 0.0 | 41.815 | 4.372 | 0.0 | 42.581 | 5.809 | 0.0 | 41.359 | 5.024 | 0.0 | 39.616 | 6.392 | 0.0 | 41.83 | 4.309 | 0.0 | 41.529 | 5.412 | 0.0 | 41.845 | 5.002 | 0.0 | 39.523 | 6.092 |
| 166 | 16255 | 16256 | NS | 1 | 0.0 | 53.501 | 2.941 | 0.0 | 46.011 | 3.591 | 0.0 | 41.036 | 2.388 | 0.0 | 48.056 | 2.928 | 0.0 | 53.164 | 3.093 | 0.0 | 44.875 | 3.459 | 0.0 | 41.613 | 2.175 | 0.0 | 48.571 | 2.495 |
| 167 | 16255 | 16256 | NS | 1 | 0.0 | 44.51 | 2.901 | 0.0 | 51.667 | 3.651 | 0.0 | 38.65 | 2.546 | 0.0 | 45.599 | 2.893 | 0.0 | 46.233 | 2.983 | 0.0 | 49.571 | 3.408 | 0.0 | 38.725 | 2.346 | 0.0 | 46.495 | 2.367 |
| 168 | 16255 | 16256 | SN | 1 | 0.0 | 41.071 | 4.305 | 0.0 | 42.979 | 5.484 | 0.0 | 41.746 | 4.918 | 0.0 | 39.397 | 6.034 | 0.0 | 40.981 | 4.244 | 0.0 | 41.93 | 5.24 | 0.0 | 42.23 | 4.889 | 0.0 | 37.784 | 5.785 |
| 169 | 16255 | 16256 | SN | 1 | 0.0 | 46.339 | 1.334 | 0.0 | 39.277 | 1.999 | 0.0 | 37.657 | 1.672 | 0.0 | 36.419 | 2.283 | 0.0 | 45.09 | 1.359 | 0.0 | 39.322 | 1.85 | 0.0 | 36.682 | 1.657 | 0.0 | 35.266 | 2.133 |
| 170 | 16255 | 16256 | NS | 1 | 0.0 | 45.93 | 0.7 | 0.0 | 40.541 | 0.947 | 0.0 | 38.65 | 0.612 | 0.0 | 44.377 | 0.813 | 0.0 | 45.848 | 0.714 | 0.0 | 40.867 | 0.863 | 0.0 | 38.725 | 0.585 | 0.0 | 50.342 | 0.646 |
| 171 | 16255 | 16256 | NS | 1 | 0.0 | 44.781 | 0.696 | 0.0 | 45.793 | 1.028 | 0.0 | 39.385 | 0.589 | 0.0 | 40.779 | 0.866 | 0.0 | 44.416 | 0.712 | 0.0 | 45.804 | 0.883 | 0.0 | 41.293 | 0.55 | 0.0 | 42.183 | 0.713 |
| 172 | 16255 | 16256 | SN | 1 | 0.0 | 46.393 | 1.313 | 0.0 | 39.111 | 1.9 | 0.0 | 40.326 | 1.654 | 0.0 | 37.703 | 2.276 | 0.0 | 45.144 | 1.311 | 0.0 | 38.047 | 1.756 | 0.0 | 37.415 | 1.635 | 0.0 | 37.62 | 2.064 |
| 173 | 16256 | 16257 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 0.0 | 10.32 | 0.0 | 100000.0 | -100000.0 | 0.0 | 0.0 | 15.685 | 0.0 | 100000.0 | -100000.0 | 0.0 | 0.0 | 11.684 | 0.0 | 100000.0 | -100000.0 | 0.0 | 0.0 | 15.842 | 0.0 |
| 174 | 16256 | 16257 | SN | 1 | 0.0 | 14.502 | 0.0 | 0.0 | 3.275 | 0.0 | 0.0 | 20.258 | 0.108 | 100000.0 | -100000.0 | 0.0 | 0.0 | 15.544 | 0.0 | 0.0 | 3.17 | 0.0 | 0.0 | 19.102 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 175 | 16256 | 16257 | NS | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 23.756 | 1.587 | 100000.0 | -100000.0 | 0.0 | 0.0 | 15.021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.023 | 1.587 | 100000.0 | -100000.0 | 0.0 | 0.0 | 14.989 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-----|--------|--------|-----|--------|-------|----------|-----------|-------|-----|--------|-------|-----|--------|--------|-----|--------|-------|----------|-----------|-------|
| 176 | 16256 | 16257 | SN | 1 | 0.0 | 15.891 | 0.0 | 0.0 | 15.108 | 0.0 | 0.0 | 24.07 | 0.766 | 100000.0 | -100000.0 | 0.0 | 0.0 | 15.161 | 0.0 | 0.0 | 15.641 | 0.0 | 0.0 | 24.207 | 0.766 | 100000.0 | -100000.0 | 0.0 |
| 177 | 16257 | 16258 | NS | 1 | 0.0 | 53.458 | 5.156 | 0.0 | 53.587 | 6.431 | 0.0 | 42.649 | 4.778 | 0.0 | 48.085 | 5.714 | 0.0 | 53.635 | 5.278 | 0.0 | 51.279 | 6.238 | 0.0 | 42.979 | 4.721 | 0.0 | 48.328 | 5.387 |
| 178 | 16257 | 16258 | SN | 1 | 0.0 | 46.548 | 1.888 | 0.0 | 45.457 | 2.464 | 0.0 | 46.673 | 1.716 | 0.0 | 37.66 | 2.237 | 0.0 | 47.006 | 1.95 | 0.0 | 44.021 | 2.468 | 0.0 | 43.587 | 1.74 | 0.0 | 41.189 | 2.283 |
| 179 | 16257 | 16258 | NS | 1 | 0.0 | 52.706 | 1.385 | 0.0 | 51.755 | 1.844 | 0.0 | 45.302 | 1.454 | 0.0 | 42.642 | 1.923 | 0.0 | 52.978 | 1.403 | 0.0 | 53.054 | 1.726 | 0.0 | 43.241 | 1.386 | 0.0 | 42.367 | 1.669 |
| 180 | 16257 | 16258 | SN | 1 | 0.0 | 41.73 | 7.408 | 0.0 | 52.069 | 9.134 | 0.0 | 47.402 | 5.663 | 0.0 | 46.04 | 6.934 | 0.0 | 42.584 | 7.641 | 0.0 | 53.347 | 9.084 | 0.0 | 46.267 | 5.62 | 0.0 | 47.522 | 6.891 |
| 181 | 16257 | 16258 | SN | 1 | 0.0 | 45.663 | 7.764 | 0.0 | 52.069 | 9.211 | 0.0 | 47.402 | 5.972 | 0.0 | 46.04 | 6.99 | 0.0 | 46.273 | 7.98 | 0.0 | 53.347 | 9.157 | 0.0 | 46.267 | 5.935 | 0.0 | 47.522 | 7.021 |
| 182 | 16257 | 16258 | SN | 1 | 0.0 | 46.548 | 1.773 | 0.0 | 45.457 | 2.412 | 0.0 | 46.673 | 1.623 | 0.0 | 39.843 | 2.18 | 0.0 | 47.006 | 1.839 | 0.0 | 44.021 | 2.417 | 0.0 | 43.587 | 1.649 | 0.0 | 40.654 | 2.227 |
| 183 | 16258 | 16259 | NS | 1 | 0.0 | 41.452 | 1.538 | 0.0 | 46.658 | 2.116 | 0.0 | 41.294 | 1.524 | 0.0 | 37.721 | 2.069 | 0.0 | 41.238 | 1.565 | 0.0 | 45.785 | 1.98 | 0.0 | 42.126 | 1.572 | 0.0 | 38.989 | 1.993 |
| 184 | 16258 | 16259 | NS | 1 | 0.0 | 40.828 | 1.554 | 0.0 | 42.847 | 2.127 | 0.0 | 38.974 | 1.55 | 0.0 | 38.098 | 2.045 | 0.0 | 42.429 | 1.62 | 0.0 | 41.973 | 1.991 | 0.0 | 39.808 | 1.577 | 0.0 | 37.61 | 1.981 |
| 185 | 16258 | 16259 | SN | 1 | 0.0 | 46.914 | 2.595 | 0.0 | 48.17 | 3.322 | 0.0 | 49.464 | 2.048 | 0.0 | 43.72 | 2.554 | 0.0 | 49.355 | 2.69 | 0.0 | 45.984 | 3.286 | 0.0 | 49.739 | 2.071 | 0.0 | 40.424 | 2.367 |
| 186 | 16258 | 16259 | SN | 1 | 0.0 | 62.842 | 9.333 | 0.0 | 55.74 | 10.528 | 0.0 | 52.298 | 7.321 | 0.0 | 46.849 | 8.471 | 0.0 | 64.982 | 9.526 | 0.0 | 56.449 | 10.406 | 0.0 | 50.511 | 7.485 | 0.0 | 47.145 | 8.493 |
| 187 | 16258 | 16259 | SN | 1 | 0.0 | 59.7 | 9.414 | 0.0 | 57.668 | 10.457 | 0.0 | 47.643 | 7.265 | 0.0 | 50.85 | 8.386 | 0.0 | 61.838 | 9.698 | 0.0 | 56.746 | 10.447 | 0.0 | 49.626 | 7.378 | 0.0 | 48.216 | 8.379 |
| 188 | 16258 | 16259 | SN | 1 | 0.0 | 46.914 | 2.802 | 0.0 | 48.17 | 3.506 | 0.0 | 49.464 | 2.206 | 0.0 | 43.72 | 2.69 | 0.0 | 49.355 | 2.903 | 0.0 | 45.984 | 3.482 | 0.0 | 49.739 | 2.221 | 0.0 | 40.424 | 2.513 |
| 189 | 16258 | 16259 | NS | 1 | 0.0 | 43.415 | 5.295 | 0.0 | 49.147 | 7.784 | 0.0 | 44.691 | 5.005 | 0.0 | 40.264 | 6.114 | 0.0 | 44.678 | 5.437 | 0.0 | 49.883 | 7.398 | 0.0 | 43.827 | 5.118 | 0.0 | 39.141 | 6.007 |
| 190 | 16258 | 16259 | NS | 1 | 0.0 | 43.847 | 5.315 | 0.0 | 45.321 | 7.814 | 0.0 | 47.024 | 4.87 | 0.0 | 41.204 | 6.099 | 0.0 | 44.893 | 5.427 | 0.0 | 46.383 | 7.418 | 0.0 | 46.155 | 5.14 | 0.0 | 38.025 | 6.106 |
| 191 | 16258 | 16259 | SN | 1 | 0.0 | 46.387 | 2.631 | 0.0 | 51.071 | 3.306 | 0.0 | 49.247 | 2.054 | 0.0 | 42.934 | 2.501 | 0.0 | 46.679 | 2.753 | 0.0 | 51.671 | 3.308 | 0.0 | 46.547 | 2.052 | 0.0 | 42.838 | 2.385 |
| 192 | 16258 | 16259 | SN | 1 | 0.0 | 62.842 | 9.796 | 0.0 | 55.74 | 10.867 | 0.0 | 52.298 | 7.725 | 0.0 | 46.279 | 8.827 | 0.0 | 64.982 | 10.04 | 0.0 | 56.449 | 10.767 | 0.0 | 50.511 | 7.943 | 0.0 | 47.145 | 8.913 |
| 193 | 16259 | 16260 | SN | 1 | 0.0 | 50.398 | 5.319 | 0.0 | 49.035 | 6.174 | 0.0 | 45.585 | 4.515 | 0.0 | 48.744 | 4.853 | 0.0 | 50.325 | 5.441 | 0.0 | 49.553 | 6.256 | 0.0 | 48.087 | 4.43 | 0.0 | 48.928 | 4.739 |
| 194 | 16259 | 16260 | NS | 1 | 0.0 | 47.352 | 1.252 | 0.0 | 47.19 | 1.839 | 0.0 | 46.167 | 1.164 | 0.0 | 42.662 | 1.763 | 0.0 | 46.744 | 1.245 | 0.0 | 43.529 | 1.685 | 0.0 | 44.49 | 1.081 | 0.0 | 39.578 | 1.556 |
| 195 | 16259 | 16260 | NS | 1 | 0.0 | 47.352 | 1.254 | 0.0 | 47.188 | 1.837 | 0.0 | 46.167 | 1.155 | 0.0 | 44.687 | 1.786 | 0.0 | 46.744 | 1.247 | 0.0 | 43.529 | 1.683 | 0.0 | 44.49 | 1.081 | 0.0 | 41.267 | 1.561 |
| 196 | 16259 | 16260 | SN | 1 | 0.0 | 50.398 | 5.319 | 0.0 | 49.035 | 6.174 | 0.0 | 45.585 | 4.515 | 0.0 | 48.744 | 4.853 | 0.0 | 50.325 | 5.441 | 0.0 | 49.553 | 6.256 | 0.0 | 48.087 | 4.43 | 0.0 | 48.928 | 4.739 |
| 197 | 16259 | 16260 | NS | 1 | 0.0 | 44.776 | 4.707 | 0.0 | 49.682 | 6.034 | 0.0 | 47.187 | 4.416 | 0.0 | 45.616 | 5.871 | 0.0 | 44.137 | 4.768 | 0.0 | 49.046 | 5.709 | 0.0 | 46.864 | 4.266 | 0.0 | 48.975 | 5.416 |
| 198 | 16259 | 16260 | SN | 1 | 0.0 | 48.588 | 1.426 | 0.0 | 46.395 | 1.837 | 0.0 | 37.949 | 1.201 | 0.0 | 39.763 | 1.371 | 0.0 | 48.038 | 1.442 | 0.0 | 43.073 | 1.785 | 0.0 | 36.203 | 1.205 | 0.0 | 40.665 | 1.403 |
| 199 | 16259 | 16260 | NS | 1 | 0.0 | 44.744 | 4.717 | 0.0 | 48.514 | 6.044 | 0.0 | 46.825 | 4.401 | 0.0 | 42.612 | 5.849 | 0.0 | 44.107 | 4.778 | 0.0 | 47.878 | 5.74 | 0.0 | 46.5 | 4.259 | 0.0 | 41.576 | 5.387 |
| 200 | 16259 | 16260 | SN | 1 | 0.0 | 48.588 | 1.426 | 0.0 | 46.395 | 1.837 | 0.0 | 37.949 | 1.201 | 0.0 | 39.763 | 1.371 | 0.0 | 48.038 | 1.442 | 0.0 | 43.073 | 1.785 | 0.0 | 36.203 | 1.205 | 0.0 | 40.665 | 1.403 |
| 201 | 16260 | 16261 | NS | 1 | 0.0 | 50.211 | 4.93 | 0.0 | 50.63 | 5.934 | 0.0 | 49.977 | 5.025 | 0.0 | 44.615 | 5.97 | 0.0 | 52.37 | 4.94 | 0.0 | 50.333 | 5.579 | 0.0 | 47.948 | 4.733 | 0.0 | 45.482 | 5.06 |
| 202 | 16260 | 16261 | SN | 1 | 0.0 | 45.749 | 1.006 | 0.0 | 44.099 | 1.338 | 0.0 | 38.864 | 1.103 | 0.0 | 38.983 | 1.58 | 0.0 | 45.886 | 0.992 | 0.0 | 41.953 | 1.293 | 0.0 | 38.327 | 1.098 | 0.0 | 40.921 | 1.377 |
| 203 | 16260 | 16261 | SN | 1 | 0.0 | 50.57 | 3.495 | 0.0 | 46.436 | 4.358 | 0.0 | 40.971 | 3.774 | 0.0 | 46.291 | 4.755 | 0.0 | 51.485 | 3.586 | 0.0 | 49.111 | 4.246 | 0.0 | 38.4 | 3.86 | 0.0 | 46.76 | 4.449 |
| 204 | 16260 | 16261 | NS | 1 | 0.0 | 45.576 | 1.394 | 0.0 | 49.315 | 1.629 | 0.0 | 40.852 | 1.52 | 0.0 | 49.908 | 1.978 | 0.0 | 44.869 | 1.342 | 0.0 | 49.998 | 1.46 | 0.0 | 40.782 | 1.368 | 0.0 | 44.152 | 1.611 |
| 205 | 16260 | 16261 | NS | 1 | 0.0 | 48.8 | 1.389 | 0.0 | 50.534 | 1.627 | 0.0 | 43.398 | 1.517 | 0.0 | 42.976 | 1.982 | 0.0 | 49.132 | 1.344 | 0.0 | 51.218 | 1.455 | 0.0 | 43.385 | 1.366 | 0.0 | 42.54 | 1.613 |
| 206 | 16260 | 16261 | NS | 1 | 0.0 | 50.211 | 4.909 | 0.0 | 50.63 | 5.944 | 0.0 | 50.059 | 5.039 | 0.0 | 44.615 | 5.977 | 0.0 | 52.37 | 4.919 | 0.0 | 50.333 | 5.579 | 0.0 | 48.029 | 4.705 | 0.0 | 45.482 | 5.068 |
| 207 | 16261 | 16262 | NS | 1 | 0.0 | 46.08 | 1.303 | 0.0 | 40.691 | 1.679 | 0.0 | 38.132 | 1.52 | 0.0 | 39.376 | 1.875 | 0.0 | 45.679 | 1.287 | 0.0 | 42.629 | 1.634 | 0.0 | 35.4 | 1.478 | 0.0 | 36.394 | 1.739 |
| 208 | 16261 | 16262 | SN | 1 | 0.0 | 43.762 | 1.421 | 0.0 | 51.984 | 1.937 | 0.0 | 42.046 | 1.424 | 0.0 | 41.501 | 1.819 | 0.0 | 44.225 | 1.439 | 0.0 | 50.66 | 1.88 | 0.0 | 42.304 | 1.48 | 0.0 | 43.738 | 1.856 |
| 209 | 16261 | 16262 | SN | 1 | 0.0 | 53.057 | 5.531 | 0.0 | 52.768 | 6.521 | 0.0 | 44.572 | 5.442 | 0.0 | 44.083 | 5.88 | 0.0 | 52.464 | 5.642 | 0.0 | 52.226 | 6.399 | 0.0 | 44.9 | 5.562 | 0.0 | 44.181 | 6.008 |
| 210 | 16261 | 16262 | NS | 1 | 0.0 | 49.261 | 4.25 | 0.0 | 44.131 | 5.092 | 0.0 | 42.36 | 4.435 | 0.0 | 48.969 | 5.466 | 0.0 | 51.724 | 4.382 | 0.0 | 44.425 | 5.051 | 0.0 | 44.205 | 4.598 | 0.0 | 51.181 | 5.416 |
| 211 | 16262 | 16263 | NS | 1 | 0.0 | 52.174 | 3.683 | 0.0 | 44.147 | 4.74 | 0.0 | 40.172 | 3.94 | 0.0 | 43.318 | 5.268 | 0.0 | 52.907 | 3.745 | 0.0 | 45.485 | 4.626 | 0.0 | 37.991 | 3.933 | 0.0 | 39.796 | 4.907 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|
| 212 | 16262 | 16263 | NS | 1 | 0.0 | 52.174 | 3.623 | 0.0 | 44.147 | 4.666 | 0.0 | 40.172 | 3.904 | 0.0 | 43.318 | 5.153 | 0.0 | 52.907 | 3.694 | 0.0 | 45.485 | 4.544 | 0.0 | 37.991 | 3.904 | 0.0 | 39.796 | 4.819 |
| 213 | 16262 | 16263 | NS | 1 | 0.0 | 53.633 | 1.112 | 0.0 | 43.553 | 1.546 | 0.0 | 37.018 | 1.175 | 0.0 | 37.495 | 1.648 | 0.0 | 53.227 | 1.137 | 0.0 | 40.091 | 1.435 | 0.0 | 35.562 | 1.203 | 0.0 | 38.342 | 1.483 |
| 214 | 16262 | 16263 | SN | 1 | 0.0 | 49.156 | 0.489 | 0.0 | 46.323 | 0.735 | 0.0 | 42.069 | 0.662 | 0.0 | 48.262 | 0.833 | 0.0 | 48.294 | 0.492 | 0.0 | 45.59 | 0.631 | 0.0 | 38.224 | 0.6 | 0.0 | 44.699 | 0.65 |
| 215 | 16262 | 16263 | SN | 1 | 0.0 | 53.91 | 2.583 | 0.0 | 50.754 | 2.903 | 0.0 | 44.026 | 2.661 | 0.0 | 46.291 | 3.101 | 0.0 | 53.954 | 2.603 | 0.0 | 50.49 | 2.669 | 0.0 | 44.634 | 2.512 | 0.0 | 44.362 | 2.631 |
| 216 | 16262 | 16263 | NS | 1 | 0.0 | 53.633 | 1.13 | 0.0 | 43.553 | 1.567 | 0.0 | 37.018 | 1.18 | 0.0 | 37.495 | 1.644 | 0.0 | 53.227 | 1.148 | 0.0 | 40.091 | 1.463 | 0.0 | 35.562 | 1.212 | 0.0 | 38.342 | 1.494 |
| 217 | 16263 | 16264 | NS | 1 | 0.0 | 42.315 | 3.763 | 0.917 | 45.383 | 4.781 | 0.0 | 41.152 | 4.528 | 0.0 | 46.441 | 5.417 | 0.0 | 43.417 | 3.713 | 0.011 | 45.419 | 4.486 | 0.0 | 42.165 | 4.343 | 0.0 | 47.077 | 4.713 |
| 218 | 16263 | 16264 | SN | 1 | 0.0 | 44.176 | 3.109 | 0.0 | 42.985 | 3.684 | 0.0 | 45.613 | 3.562 | 0.0 | 44.739 | 4.16 | 0.0 | 43.51 | 3.028 | 0.0 | 41.06 | 3.339 | 0.0 | 42.799 | 3.207 | 0.0 | 44.587 | 3.556 |
| 219 | 16263 | 16264 | NS | 1 | 0.0 | 40.466 | 1.254 | 0.0 | 39.436 | 1.499 | 0.0 | 47.351 | 1.429 | 0.0 | 39.489 | 1.863 | 0.0 | 39.976 | 1.228 | 0.0 | 40.185 | 1.349 | 0.0 | 48.781 | 1.388 | 0.0 | 38.735 | 1.546 |
| 220 | 16263 | 16264 | NS | 1 | 0.0 | 42.315 | 3.763 | 0.917 | 45.383 | 4.791 | 0.0 | 41.152 | 4.493 | 0.0 | 46.441 | 5.524 | 0.0 | 43.417 | 3.682 | 0.011 | 45.419 | 4.446 | 0.0 | 42.165 | 4.407 | 0.0 | 47.077 | 4.813 |
| 221 | 16263 | 16264 | NS | 1 | 0.0 | 42.315 | 3.982 | 0.917 | 45.383 | 5.023 | 0.0 | 41.152 | 4.808 | 0.0 | 46.441 | 5.746 | 0.0 | 43.417 | 3.928 | 0.011 | 45.419 | 4.703 | 0.0 | 42.165 | 4.584 | 0.0 | 47.077 | 4.999 |
| 222 | 16263 | 16264 | NS | 1 | 0.0 | 40.466 | 1.186 | 0.0 | 39.436 | 1.413 | 0.0 | 47.351 | 1.348 | 0.0 | 39.489 | 1.787 | 0.0 | 39.976 | 1.17 | 0.0 | 40.185 | 1.282 | 0.0 | 48.781 | 1.306 | 0.0 | 38.735 | 1.482 |
| 223 | 16263 | 16264 | NS | 1 | 0.0 | 40.62 | 1.199 | 0.0 | 39.968 | 1.41 | 0.0 | 41.187 | 1.346 | 0.0 | 39.489 | 1.823 | 0.0 | 41.337 | 1.17 | 0.0 | 40.185 | 1.275 | 0.0 | 42.621 | 1.299 | 0.0 | 38.735 | 1.484 |
| 224 | 16263 | 16264 | SN | 1 | 0.0 | 37.979 | 0.819 | 0.0 | 40.148 | 1.234 | 0.0 | 47.965 | 1.13 | 0.0 | 49.357 | 1.529 | 0.0 | 38.78 | 0.78 | 0.0 | 40.147 | 1.065 | 0.0 | 43.819 | 1.071 | 0.0 | 44.409 | 1.255 |
| 225 | 16264 | 16265 | NS | 1 | 0.0 | 41.118 | 1.228 | 0.0 | 42.199 | 1.798 | 0.0 | 36.772 | 1.407 | 0.0 | 37.909 | 1.935 | 0.0 | 41.282 | 1.179 | 0.0 | 44.717 | 1.592 | 0.0 | 35.598 | 1.327 | 0.0 | 39.421 | 1.624 |
| 226 | 16264 | 16265 | SN | 1 | 0.0 | 51.155 | 1.623 | 0.0 | 46.094 | 2.298 | 0.0 | 36.831 | 1.882 | 0.0 | 39.693 | 2.536 | 0.0 | 48.943 | 1.625 | 0.0 | 43.511 | 2.166 | 0.0 | 36.491 | 1.875 | 0.0 | 40.008 | 2.506 |
| 227 | 16264 | 16265 | NS | 1 | 0.0 | 41.118 | 1.114 | 0.0 | 41.376 | 1.65 | 0.0 | 36.772 | 1.258 | 0.0 | 43.845 | 1.771 | 0.0 | 41.282 | 1.08 | 0.0 | 43.955 | 1.46 | 0.0 | 35.598 | 1.192 | 0.0 | 39.583 | 1.487 |
| 228 | 16264 | 16265 | NS | 1 | 0.0 | 41.712 | 4.555 | 0.39 | 41.19 | 6.289 | 0.0 | 37.522 | 4.573 | 0.0 | 38.842 | 5.92 | 0.0 | 42.125 | 4.522 | 0.333 | 41.489 | 5.708 | 0.0 | 38.358 | 4.268 | 0.0 | 37.74 | 5.411 |
| 229 | 16264 | 16265 | NS | 1 | 0.0 | 41.712 | 4.148 | 0.39 | 41.19 | 5.796 | 0.0 | 37.522 | 4.18 | 0.0 | 45.208 | 5.403 | 0.0 | 42.125 | 4.108 | 0.333 | 40.685 | 5.217 | 0.0 | 36.56 | 3.881 | 0.0 | 41.062 | 4.898 |
| 230 | 16264 | 16265 | SN | 1 | 0.0 | 51.165 | 1.625 | 0.0 | 46.093 | 2.291 | 0.0 | 37.999 | 1.884 | 0.0 | 40.267 | 2.536 | 0.0 | 48.954 | 1.627 | 0.0 | 43.51 | 2.151 | 0.0 | 37.659 | 1.884 | 0.0 | 40.584 | 2.497 |
| 231 | 16264 | 16265 | NS | 1 | 0.0 | 41.712 | 4.178 | 0.39 | 47.573 | 5.786 | 0.0 | 37.522 | 4.187 | 0.0 | 40.451 | 5.388 | 0.0 | 42.125 | 4.148 | 0.333 | 46.124 | 5.238 | 0.0 | 36.56 | 3.981 | 0.0 | 37.808 | 4.877 |
| 232 | 16264 | 16265 | SN | 1 | 0.0 | 52.061 | 5.816 | 0.0 | 46.405 | 7.278 | 0.0 | 43.935 | 5.794 | 0.0 | 49.383 | 7.348 | 0.0 | 51.087 | 5.785 | 0.0 | 46.768 | 7.054 | 0.0 | 44.058 | 5.816 | 0.0 | 49.6 | 7.262 |
| 233 | 16264 | 16265 | SN | 1 | 0.0 | 52.063 | 5.785 | 0.0 | 46.405 | 7.278 | 0.0 | 47.006 | 5.823 | 0.0 | 48.811 | 7.383 | 0.0 | 52.648 | 5.745 | 0.0 | 46.768 | 7.034 | 0.0 | 47.859 | 5.816 | 0.0 | 49.024 | 7.305 |
| 234 | 16264 | 16265 | NS | 1 | 0.0 | 46.179 | 1.091 | 0.0 | 42.768 | 1.646 | 0.0 | 39.589 | 1.281 | 0.0 | 39.945 | 1.757 | 0.0 | 47.412 | 1.053 | 0.0 | 45.346 | 1.453 | 0.0 | 39.594 | 1.203 | 0.0 | 39.421 | 1.486 |
| 235 | 16265 | 16266 | SN | 1 | 0.0 | 46.593 | 6.21 | 0.0 | 46.764 | 8.064 | 0.0 | 46.122 | 6.693 | 0.0 | 44.557 | 7.379 | 0.0 | 47.225 | 6.403 | 0.0 | 46.391 | 7.912 | 0.0 | 45.162 | 6.885 | 0.0 | 47.351 | 7.593 |
| 236 | 16265 | 16266 | NS | 1 | 0.0 | 47.406 | 1.645 | 0.0 | 42.609 | 2.119 | 0.0 | 38.946 | 1.757 | 0.0 | 48.576 | 2.304 | 0.0 | 48.64 | 1.64 | 0.0 | 43.437 | 2.06 | 0.0 | 39.992 | 1.785 | 0.0 | 46.039 | 2.231 |
| 237 | 16265 | 16266 | NS | 1 | 0.0 | 47.406 | 1.643 | 0.0 | 42.609 | 2.135 | 0.0 | 38.884 | 1.751 | 0.0 | 48.576 | 2.299 | 0.0 | 48.64 | 1.645 | 0.0 | 43.445 | 2.063 | 0.0 | 39.931 | 1.778 | 0.0 | 46.043 | 2.228 |
| 238 | 16265 | 16266 | SN | 1 | 0.0 | 48.765 | 6.316 | 0.0 | 45.791 | 8.616 | 0.0 | 43.09 | 6.969 | 0.0 | 44.032 | 7.888 | 0.0 | 49.056 | 6.523 | 0.0 | 46.454 | 8.441 | 0.0 | 40.719 | 7.16 | 0.0 | 43.527 | 8.11 |
| 239 | 16265 | 16266 | NS | 1 | 0.0 | 50.041 | 6.546 | 0.0 | 44.773 | 8.357 | 0.0 | 42.119 | 6.222 | 0.0 | 50.14 | 7.911 | 0.0 | 50.059 | 6.487 | 0.0 | 45.924 | 7.798 | 0.0 | 41.877 | 6.306 | 0.0 | 48.925 | 8.145 |
| 240 | 16265 | 16266 | NS | 1 | 0.0 | 50.041 | 5.673 | 0.0 | 45.561 | 7.179 | 0.0 | 42.119 | 5.531 | 0.0 | 50.14 | 6.766 | 0.0 | 50.059 | 5.622 | 0.0 | 45.924 | 6.723 | 0.0 | 41.877 | 5.489 | 0.0 | 47.972 | 6.936 |
| 241 | 16265 | 16266 | SN | 1 | 0.0 | 44.874 | 1.948 | 0.0 | 43.234 | 2.688 | 0.0 | 39.147 | 2.161 | 0.0 | 39.131 | 2.788 | 0.0 | 44.424 | 1.953 | 0.0 | 43.434 | 2.606 | 0.0 | 38.673 | 2.176 | 0.0 | 39.083 | 2.731 |
| 242 | 16265 | 16266 | SN | 1 | 0.0 | 39.616 | 1.839 | 0.0 | 43.234 | 2.529 | 0.0 | 39.147 | 2.079 | 0.0 | 39.131 | 2.571 | 0.0 | 39.461 | 1.854 | 0.0 | 43.434 | 2.448 | 0.0 | 38.673 | 2.09 | 0.0 | 39.083 | 2.534 |
| 243 | 16265 | 16266 | SN | 1 | 0.0 | 41.395 | 1.873 | 0.0 | 42.696 | 2.593 | 0.0 | 38.98 | 2.104 | 0.0 | 41.426 | 2.555 | 0.0 | 42.806 | 1.873 | 0.0 | 43.142 | 2.507 | 0.0 | 39.455 | 2.133 | 0.0 | 41.202 | 2.537 |
| 244 | 16265 | 16266 | NS | 1 | 0.0 | 47.406 | 1.919 | 0.0 | 42.609 | 2.476 | 0.0 | 41.195 | 1.999 | 0.0 | 48.576 | 2.698 | 0.0 | 48.64 | 1.921 | 0.0 | 43.445 | 2.38 | 0.0 | 40.497 | 2.057 | 0.0 | 46.043 | 2.584 |
| 245 | 16265 | 16266 | NS | 1 | 0.0 | 50.041 | 5.673 | 0.0 | 45.824 | 7.149 | 0.0 | 42.12 | 5.531 | 0.0 | 49.824 | 6.744 | 0.0 | 50.059 | 5.632 | 0.0 | 45.917 | 6.733 | 0.0 | 41.824 | 5.496 | 0.0 | 47.657 | 6.914 |
| 246 | 16265 | 16266 | SN | 1 | 0.0 | 49.229 | 6.19 | 0.0 | 46.766 | 8.013 | 0.0 | 44.371 | 6.686 | 0.0 | 41.777 | 7.408 | 0.0 | 49.44 | 6.453 | 0.0 | 46.111 | 7.892 | 0.0 | 43.084 | 6.885 | 0.0 | 44.573 | 7.671 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| 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 | 16237 | 16238 | SN | 1 | 0.0 | 23.367 | 6.035 | 0.0 | 24.856 | 7.703 | 0.0 | 135.807 | 2.206 | 0.0 | 58.87 | 3.205 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.137 | 0.0 |
| 2 | 16237 | 16238 | SN | 1 | 0.0 | 28.513 | 13.089 | 0.0 | 25.777 | 13.16 | 0.0 | 144.829 | 11.449 | 0.0 | 113.457 | 13.497 | 0.0 | 1.455 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 3 | 16237 | 16238 | SN | 1 | 0.0 | 28.513 | 13.089 | 0.0 | 25.777 | 13.16 | 0.0 | 144.829 | 11.449 | 0.0 | 113.457 | 13.497 | 0.0 | 1.455 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 4 | 16237 | 16238 | NS | 1 | 0.0 | 155.506 | 6.242 | 0.0 | 24.597 | 6.874 | 0.0 | 331.416 | 2.246 | 0.0 | 64.912 | 3.036 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.138 | 0.0 |
| 5 | 16237 | 16238 | NS | 1 | 0.0 | 256.301 | 10.266 | 0.0 | 29.919 | 14.555 | 0.0 | 348.126 | 9.996 | 0.0 | 68.822 | 12.824 | 0.0 | 1.419 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.138 | 0.0 |
| 6 | 16237 | 16238 | SN | 1 | 0.0 | 23.367 | 5.974 | 0.0 | 24.856 | 7.701 | 0.0 | 135.807 | 2.181 | 0.0 | 132.368 | 3.351 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.137 | 0.0 |
| 7 | 16237 | 16238 | SN | 1 | 0.0 | 28.513 | 13.118 | 0.0 | 25.777 | 12.875 | 0.0 | 144.829 | 11.594 | 0.0 | 113.457 | 13.022 | 0.0 | 1.455 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 8 | 16237 | 16238 | SN | 1 | 0.0 | 23.367 | 5.974 | 0.0 | 24.856 | 7.701 | 0.0 | 135.807 | 2.181 | 0.0 | 132.368 | 3.351 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.137 | 0.0 |
| 9 | 16238 | 16239 | NS | 1 | 0.0 | 154.128 | 10.312 | 0.0 | 29.891 | 14.523 | 0.0 | 354.347 | 10.057 | 0.0 | 68.673 | 12.905 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.137 | 0.0 |
| 10 | 16238 | 16239 | SN | 1 | 0.0 | 23.389 | 5.987 | 0.0 | 24.851 | 7.697 | 0.0 | 132.536 | 2.188 | 0.0 | 169.567 | 3.379 | 0.0 | 1.442 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.137 | 0.0 |
| 11 | 16238 | 16239 | NS | 1 | 0.0 | 154.128 | 6.206 | 0.0 | 24.602 | 6.876 | 0.0 | 352.389 | 2.223 | 0.0 | 61.586 | 3.009 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.136 | 0.0 |
| 12 | 16238 | 16239 | NS | 1 | 0.0 | 106.271 | 6.207 | 0.0 | 24.602 | 6.863 | 0.0 | 350.911 | 2.222 | 0.0 | 53.032 | 3.015 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.136 | 0.0 |
| 13 | 16238 | 16239 | SN | 1 | 0.0 | 23.389 | 6.024 | 0.0 | 24.845 | 7.69 | 0.0 | 132.459 | 2.201 | 0.0 | 97.751 | 3.288 | 0.0 | 1.442 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.137 | 0.0 |
| 14 | 16238 | 16239 | SN | 1 | 0.0 | 28.656 | 13.221 | 0.0 | 25.805 | 13.201 | 0.0 | 137.941 | 11.407 | 0.0 | 68.761 | 13.476 | 0.0 | 1.457 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 15 | 16238 | 16239 | SN | 1 | 0.0 | 28.656 | 13.208 | 0.0 | 25.805 | 13.062 | 0.0 | 137.897 | 11.482 | 0.0 | 153.675 | 13.175 | 0.0 | 1.457 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 16 | 16238 | 16239 | SN | 1 | 0.0 | 28.656 | 13.229 | 0.0 | 25.777 | 13.062 | 0.0 | 137.941 | 11.503 | 0.0 | 20.532 | 13.196 | 0.0 | 1.457 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 17 | 16238 | 16239 | SN | 1 | 0.0 | 23.389 | 6.026 | 0.0 | 24.851 | 7.692 | 0.0 | 132.536 | 2.199 | 0.0 | 169.567 | 3.276 | 0.0 | 1.442 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.137 | 0.0 |
| 18 | 16238 | 16239 | NS | 1 | 0.0 | 154.274 | 10.287 | 0.0 | 29.902 | 14.541 | 0.0 | 355.72 | 9.982 | 0.0 | 35.467 | 12.822 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.136 | 0.0 |
| 19 | 16239 | 16240 | SN | 1 | 0.0 | 28.011 | 13.349 | 0.0 | 25.81 | 12.96 | 0.0 | 143.715 | 11.469 | 0.0 | 18.668 | 13.207 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.136 | 0.0 |
| 20 | 16239 | 16240 | SN | 1 | 0.0 | 22.104 | 6.009 | 0.0 | 24.856 | 7.695 | 0.0 | 155.247 | 2.242 | 0.0 | 121.416 | 3.418 | 0.0 | 1.441 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.14 | 0.0 |
| 21 | 16239 | 16240 | NS | 1 | 0.0 | 235.482 | 10.255 | 0.0 | 29.902 | 14.509 | 0.0 | 355.82 | 9.921 | 0.0 | 37.204 | 12.789 | 0.0 | 1.419 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.133 | 0.0 |
| 22 | 16239 | 16240 | NS | 1 | 0.0 | 80.555 | 6.186 | 0.0 | 24.602 | 6.879 | 0.0 | 230.75 | 2.215 | 0.0 | 62.0 | 3.024 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.135 | 0.0 |
| 23 | 16239 | 16240 | SN | 1 | 0.0 | 22.104 | 6.051 | 0.0 | 24.856 | 7.69 | 0.0 | 155.247 | 2.255 | 0.0 | 14.471 | 3.291 | 0.0 | 1.441 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.14 | 0.0 |
| 24 | 16239 | 16240 | SN | 1 | 0.0 | 28.011 | 13.329 | 0.0 | 25.81 | 13.159 | 0.0 | 143.715 | 11.366 | 0.0 | 73.609 | 13.538 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.136 | 0.0 |
| 25 | 16240 | 16241 | SN | 1 | 0.0 | 28.115 | 13.387 | 0.0 | 25.827 | 12.843 | 0.0 | 182.37 | 11.514 | 0.0 | 17.047 | 13.02 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.135 | 0.0 |
| 26 | 16240 | 16241 | NS | 1 | 0.0 | 160.39 | 10.265 | 0.0 | 29.913 | 14.52 | 0.0 | 354.882 | 9.95 | 0.0 | 37.48 | 12.732 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.134 | 0.0 |
| 27 | 16240 | 16241 | NS | 1 | 0.0 | 106.048 | 10.238 | 0.0 | 29.908 | 14.629 | 0.0 | 286.187 | 9.954 | 0.0 | 70.939 | 12.794 | 0.0 | 1.419 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.135 | 0.0 |
| 28 | 16240 | 16241 | SN | 1 | 0.0 | 22.104 | 5.983 | 0.0 | 24.845 | 7.696 | 0.0 | 190.825 | 2.254 | 0.0 | 55.762 | 3.454 | 0.0 | 1.44 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |
| 29 | 16240 | 16241 | SN | 1 | 0.0 | 22.104 | 5.987 | 0.0 | 24.845 | 7.7 | 0.0 | 190.742 | 2.254 | 0.0 | 238.97 | 3.467 | 0.0 | 1.44 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |
| 30 | 16240 | 16241 | SN | 1 | 0.0 | 28.115 | 13.351 | 0.0 | 25.827 | 13.118 | 0.0 | 182.309 | 11.367 | 0.0 | 274.835 | 13.538 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.135 | 0.0 |
| 31 | 16240 | 16241 | SN | 1 | 0.0 | 28.115 | 13.351 | 0.0 | 25.827 | 13.138 | 0.0 | 182.37 | 11.367 | 0.0 | 70.25 | 13.502 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.135 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 16240 | 16241 | SN | 1 | 0.0 | 22.104 | 6.038 | 0.0 | 24.845 | 7.686 | 0.0 | 190.825 | 2.278 | 0.0 | 12.971 | 3.321 | 0.0 | 1.44 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |
| 33 | 16240 | 16241 | NS | 1 | 0.0 | 236.503 | 6.179 | 0.0 | 24.608 | 6.886 | 0.0 | 263.755 | 2.217 | 0.0 | 57.29 | 3.035 | 0.0 | 1.44 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.135 | 0.0 |
| 34 | 16240 | 16241 | NS | 1 | 0.0 | 191.649 | 6.18 | 0.0 | 24.608 | 6.893 | 0.0 | 240.255 | 2.216 | 0.0 | 52.641 | 3.038 | 0.0 | 1.44 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.136 | 0.0 |
| 35 | 16241 | 16242 | NS | 1 | 0.0 | 269.482 | 10.269 | 0.0 | 29.919 | 14.544 | 0.0 | 329.144 | 9.911 | 0.0 | 37.772 | 12.77 | 0.0 | 1.419 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.134 | 0.0 |
| 36 | 16241 | 16242 | SN | 1 | 0.0 | 22.115 | 6.058 | 0.0 | 24.856 | 7.705 | 0.0 | 186.876 | 2.322 | 0.0 | 12.971 | 3.318 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 37 | 16241 | 16242 | SN | 1 | 0.0 | 28.573 | 13.328 | 0.0 | 25.827 | 13.185 | 0.0 | 187.223 | 11.413 | 0.0 | 71.976 | 13.542 | 0.0 | 1.455 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.138 | 0.0 |
| 38 | 16241 | 16242 | NS | 1 | 0.0 | 269.477 | 10.249 | 0.0 | 29.919 | 14.534 | 0.0 | 329.155 | 9.925 | 0.0 | 37.783 | 12.791 | 0.0 | 1.42 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.134 | 0.0 |
| 39 | 16241 | 16242 | NS | 1 | 0.0 | 259.646 | 6.228 | 0.0 | 24.613 | 6.882 | 0.0 | 311.358 | 2.202 | 0.0 | 55.238 | 3.061 | 0.0 | 1.439 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.136 | 0.0 |
| 40 | 16241 | 16242 | SN | 1 | 0.0 | 22.115 | 5.979 | 0.0 | 24.856 | 7.696 | 0.0 | 186.876 | 2.27 | 0.0 | 66.296 | 3.466 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 41 | 16241 | 16242 | SN | 1 | 0.0 | 28.573 | 13.328 | 0.0 | 25.827 | 13.185 | 0.0 | 187.223 | 11.413 | 0.0 | 71.976 | 13.542 | 0.0 | 1.455 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.138 | 0.0 |
| 42 | 16241 | 16242 | NS | 1 | 0.0 | 259.646 | 6.219 | 0.0 | 24.613 | 6.879 | 0.0 | 311.391 | 2.193 | 0.0 | 55.26 | 3.061 | 0.0 | 1.44 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 43 | 16241 | 16242 | SN | 1 | 0.0 | 28.573 | 13.393 | 0.0 | 25.827 | 12.766 | 0.0 | 187.223 | 11.662 | 0.0 | 15.266 | 12.85 | 0.0 | 1.455 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.138 | 0.0 |
| 44 | 16241 | 16242 | SN | 1 | 0.0 | 22.115 | 5.979 | 0.0 | 24.856 | 7.696 | 0.0 | 186.876 | 2.27 | 0.0 | 66.296 | 3.466 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 45 | 16242 | 16243 | SN | 1 | 0.0 | 22.126 | 5.984 | 0.0 | 45.926 | 7.738 | 0.0 | 139.039 | 2.239 | 0.0 | 50.826 | 3.431 | 0.0 | 1.439 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 46 | 16242 | 16243 | SN | 1 | 0.0 | 28.634 | 13.365 | 0.0 | 48.364 | 13.226 | 0.0 | 152.881 | 11.403 | 0.0 | 105.24 | 13.57 | 0.0 | 1.456 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.137 | 0.0 |
| 47 | 16242 | 16243 | SN | 1 | 0.0 | 22.126 | 6.079 | 0.0 | 236.519 | 7.741 | 0.0 | 139.061 | 2.34 | 0.0 | 12.977 | 3.274 | 0.0 | 1.439 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 48 | 16242 | 16243 | SN | 1 | 0.0 | 28.639 | 13.456 | 0.0 | 236.547 | 12.662 | 0.0 | 152.887 | 11.835 | 0.0 | 14.427 | 12.688 | 0.0 | 1.456 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.137 | 0.0 |
| 49 | 16242 | 16243 | NS | 1 | 0.0 | 24.735 | 6.242 | 0.0 | 24.624 | 6.868 | 0.0 | 330.611 | 2.221 | 0.0 | 64.09 | 3.064 | 0.0 | 1.442 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.136 | 0.0 |
| 50 | 16242 | 16243 | SN | 1 | 0.0 | 28.639 | 13.375 | 0.0 | 236.547 | 13.185 | 0.0 | 152.887 | 11.424 | 0.0 | 71.199 | 13.563 | 0.0 | 1.456 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.137 | 0.0 |
| 51 | 16242 | 16243 | NS | 1 | 0.0 | 55.401 | 10.188 | 0.0 | 29.935 | 14.514 | 0.0 | 352.704 | 9.939 | 0.0 | 38.208 | 12.806 | 0.0 | 1.421 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.135 | 0.0 |
| 52 | 16242 | 16243 | NS | 1 | 0.0 | 203.038 | 6.243 | 0.0 | 24.619 | 6.866 | 0.0 | 308.043 | 2.216 | 0.0 | 71.177 | 3.081 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.137 | 0.0 |
| 53 | 16242 | 16243 | NS | 1 | 0.0 | 264.988 | 10.274 | 0.0 | 29.935 | 14.576 | 0.0 | 329.32 | 9.931 | 0.0 | 87.109 | 12.8 | 0.0 | 1.421 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.138 | 0.0 |
| 54 | 16242 | 16243 | SN | 1 | 0.0 | 22.126 | 5.986 | 0.0 | 236.519 | 7.724 | 0.0 | 139.061 | 2.248 | 0.0 | 53.518 | 3.433 | 0.0 | 1.439 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 55 | 16243 | 16244 | NS | 1 | 0.0 | 24.74 | 6.254 | 0.0 | 24.63 | 6.86 | 0.0 | 310.575 | 2.21 | 0.0 | 72.963 | 3.094 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.137 | 0.0 |
| 56 | 16243 | 16244 | SN | 1 | 0.0 | 23.373 | 6.001 | 0.0 | 24.878 | 7.736 | 0.0 | 145.59 | 2.202 | 0.0 | 249.424 | 3.394 | 0.0 | 1.443 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 57 | 16243 | 16244 | SN | 1 | 0.0 | 23.373 | 6.001 | 0.0 | 24.878 | 7.736 | 0.0 | 145.59 | 2.202 | 0.0 | 249.424 | 3.394 | 0.0 | 1.443 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 58 | 16243 | 16244 | SN | 1 | 0.0 | 28.513 | 13.268 | 0.0 | 25.733 | 12.595 | 0.0 | 137.914 | 11.905 | 0.0 | 133.416 | 12.544 | 0.0 | 1.456 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 59 | 16243 | 16244 | NS | 1 | 0.0 | 24.029 | 10.307 | 0.0 | 29.946 | 14.493 | 0.0 | 350.112 | 9.945 | 0.0 | 96.683 | 12.838 | 0.0 | 1.42 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.137 | 0.0 |
| 60 | 16243 | 16244 | NS | 1 | 0.0 | 24.084 | 10.297 | 0.0 | 29.946 | 14.533 | 0.0 | 350.101 | 9.938 | 0.0 | 96.612 | 12.845 | 0.0 | 1.42 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.137 | 0.0 |
| 61 | 16243 | 16244 | SN | 1 | 0.0 | 28.513 | 13.171 | 0.0 | 25.816 | 13.211 | 0.0 | 137.914 | 11.356 | 0.0 | 133.416 | 13.477 | 0.0 | 1.456 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 62 | 16243 | 16244 | SN | 1 | 0.0 | 28.513 | 13.171 | 0.0 | 25.81 | 13.211 | 0.0 | 137.914 | 11.356 | 0.0 | 133.416 | 13.477 | 0.0 | 1.456 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 63 | 16243 | 16244 | SN | 1 | 0.0 | 23.373 | 6.145 | 0.0 | 24.878 | 7.754 | 0.0 | 145.59 | 2.348 | 0.0 | 249.424 | 3.219 | 0.0 | 1.443 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 64 | 16243 | 16244 | NS | 1 | 0.0 | 24.735 | 6.252 | 0.0 | 24.624 | 6.88 | 0.0 | 310.486 | 2.21 | 0.0 | 72.903 | 3.089 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.136 | 0.0 |
| 65 | 16244 | 16245 | SN | 1 | 0.0 | 23.4 | 5.992 | 0.0 | 129.983 | 7.738 | 0.0 | 143.539 | 2.194 | 0.0 | 169.335 | 3.342 | 0.0 | 1.446 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 66 | 16244 | 16245 | NS | 1 | 0.0 | 24.106 | 10.272 | 0.0 | 31.844 | 14.442 | 0.0 | 355.742 | 10.019 | 0.0 | 87.97 | 12.878 | 0.0 | 1.42 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.135 | 0.0 |
| 67 | 16244 | 16245 | SN | 1 | 0.0 | 28.0 | 13.096 | 0.0 | 232.763 | 13.176 | 0.0 | 151.249 | 11.309 | 0.0 | 67.393 | 13.565 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.136 | 0.0 |
| 68 | 16244 | 16245 | SN | 1 | 0.0 | 28.0 | 13.096 | 0.0 | 232.763 | 13.176 | 0.0 | 151.249 | 11.309 | 0.0 | 67.393 | 13.565 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.136 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 16244 | 16245 | NS | 1 | 0.0 | 24.751 | 6.276 | 0.0 | 24.63 | 6.888 | 0.0 | 315.329 | 2.22 | 0.0 | 77.861 | 3.092 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.137 | 0.0 |
| 70 | 16244 | 16245 | SN | 1 | 0.0 | 23.4 | 5.992 | 0.0 | 129.983 | 7.738 | 0.0 | 143.539 | 2.194 | 0.0 | 169.335 | 3.342 | 0.0 | 1.446 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 71 | 16244 | 16245 | NS | 1 | 0.0 | 24.751 | 6.287 | 0.0 | 24.636 | 6.893 | 0.0 | 315.235 | 2.226 | 0.0 | 77.8 | 3.085 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.137 | 0.0 |
| 72 | 16244 | 16245 | NS | 1 | 0.0 | 24.051 | 10.262 | 0.0 | 31.844 | 14.412 | 0.0 | 355.737 | 10.041 | 0.0 | 87.909 | 12.863 | 0.0 | 1.419 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.135 | 0.0 |
| 73 | 16244 | 16245 | SN | 1 | 0.0 | 23.4 | 6.209 | 0.0 | 129.983 | 7.771 | 0.0 | 143.539 | 2.411 | 0.0 | 169.335 | 3.192 | 0.0 | 1.446 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 74 | 16244 | 16245 | SN | 1 | 0.0 | 28.0 | 13.225 | 0.0 | 232.763 | 12.439 | 0.0 | 151.249 | 12.043 | 0.0 | 58.964 | 12.49 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.136 | 0.0 |
| 75 | 16245 | 16246 | SN | 1 | 0.0 | 28.066 | 13.26 | 0.0 | 25.711 | 13.166 | 0.0 | 146.01 | 11.388 | 0.0 | 264.607 | 13.636 | 0.0 | 1.456 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.138 | 0.0 |
| 76 | 16245 | 16246 | NS | 1 | 0.0 | 268.087 | 10.261 | 0.0 | 31.816 | 14.442 | 0.0 | 355.836 | 10.026 | 0.0 | 64.465 | 12.906 | 0.0 | 1.42 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.134 | 0.0 |
| 77 | 16245 | 16246 | NS | 1 | 0.0 | 95.023 | 6.235 | 0.0 | 24.63 | 6.866 | 0.0 | 205.343 | 2.219 | 0.0 | 57.218 | 3.092 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.136 | 0.0 |
| 78 | 16245 | 16246 | SN | 1 | 0.0 | 23.411 | 5.927 | 0.0 | 24.873 | 7.727 | 0.0 | 154.536 | 2.184 | 0.0 | 219.037 | 3.299 | 0.0 | 1.443 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 79 | 16246 | 16247 | SN | 1 | 0.0 | 22.104 | 5.954 | 0.0 | 237.027 | 7.782 | 0.0 | 151.122 | 2.202 | 0.0 | 209.65 | 3.327 | 0.0 | 1.441 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.137 | 0.0 |
| 80 | 16246 | 16247 | NS | 1 | 0.0 | 168.188 | 10.225 | 0.0 | 29.957 | 14.47 | 0.0 | 147.634 | 9.996 | 0.0 | 59.959 | 12.837 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.134 | 0.0 |
| 81 | 16246 | 16247 | SN | 1 | 0.0 | 28.551 | 13.183 | 0.0 | 265.611 | 13.227 | 0.0 | 149.252 | 11.44 | 0.0 | 273.927 | 13.557 | 0.0 | 1.458 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.135 | 0.0 |
| 82 | 16246 | 16247 | NS | 1 | 0.0 | 166.23 | 6.199 | 0.0 | 24.636 | 6.878 | 0.0 | 303.4 | 2.243 | 0.0 | 54.196 | 3.095 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.137 | 0.0 |
| 83 | 16246 | 16247 | NS | 1 | 0.0 | 168.188 | 10.225 | 0.0 | 29.957 | 14.47 | 0.0 | 147.634 | 9.996 | 0.0 | 59.959 | 12.837 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.134 | 0.0 |
| 84 | 16246 | 16247 | NS | 1 | 0.0 | 166.23 | 6.199 | 0.0 | 24.636 | 6.878 | 0.0 | 303.4 | 2.243 | 0.0 | 54.196 | 3.097 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.137 | 0.0 |
| 85 | 16247 | 16248 | SN | 1 | 0.0 | 28.502 | 13.189 | 0.0 | 265.633 | 13.176 | 0.0 | 155.319 | 11.378 | 0.0 | 72.768 | 13.571 | 0.0 | 1.458 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.135 | 0.0 |
| 86 | 16247 | 16248 | NS | 1 | 0.0 | 161.074 | 6.237 | 0.0 | 24.636 | 6.89 | 0.0 | 315.284 | 2.241 | 0.0 | 15.883 | 3.07 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.137 | 0.0 |
| 87 | 16247 | 16248 | NS | 1 | 0.0 | 161.074 | 6.219 | 0.0 | 24.636 | 6.887 | 0.0 | 315.284 | 2.23 | 0.0 | 55.988 | 3.1 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.137 | 0.0 |
| 88 | 16247 | 16248 | NS | 1 | 0.0 | 161.074 | 6.219 | 0.0 | 24.636 | 6.887 | 0.0 | 315.284 | 2.23 | 0.0 | 55.988 | 3.1 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.137 | 0.0 |
| 89 | 16247 | 16248 | NS | 1 | 0.0 | 214.553 | 10.235 | 0.0 | 29.957 | 14.439 | 0.0 | 354.882 | 9.982 | 0.0 | 61.922 | 12.894 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.134 | 0.0 |
| 90 | 16247 | 16248 | NS | 1 | 0.0 | 214.553 | 10.235 | 0.0 | 29.957 | 14.439 | 0.0 | 354.882 | 9.982 | 0.0 | 61.922 | 12.894 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.134 | 0.0 |
| 91 | 16247 | 16248 | NS | 1 | 0.0 | 214.553 | 10.217 | 0.0 | 29.957 | 14.391 | 0.0 | 354.882 | 10.019 | 0.0 | 30.52 | 12.817 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.134 | 0.0 |
| 92 | 16247 | 16248 | SN | 1 | 0.0 | 22.093 | 5.984 | 0.0 | 24.845 | 7.741 | 0.0 | 144.989 | 2.219 | 0.0 | 124.239 | 3.354 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 93 | 16247 | 16248 | SN | 1 | 0.0 | 22.093 | 5.984 | 0.0 | 24.845 | 7.741 | 0.0 | 144.989 | 2.219 | 0.0 | 124.239 | 3.354 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 94 | 16247 | 16248 | SN | 1 | 0.0 | 28.502 | 13.189 | 0.0 | 265.633 | 13.176 | 0.0 | 155.319 | 11.378 | 0.0 | 72.768 | 13.571 | 0.0 | 1.458 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.135 | 0.0 |
| 95 | 16248 | 16249 | SN | 1 | 0.0 | 28.331 | 13.309 | 0.0 | 232.67 | 13.268 | 0.0 | 145.111 | 11.385 | 0.0 | 191.495 | 13.586 | 0.0 | 1.457 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.134 | 0.0 |
| 96 | 16248 | 16249 | SN | 1 | 0.0 | 23.384 | 5.946 | 0.0 | 24.873 | 7.753 | 0.0 | 137.533 | 2.203 | 0.0 | 133.675 | 3.352 | 0.0 | 1.444 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.137 | 0.0 |
| 97 | 16248 | 16249 | SN | 1 | 0.0 | 28.331 | 13.309 | 0.0 | 232.67 | 13.268 | 0.0 | 145.111 | 11.385 | 0.0 | 191.495 | 13.586 | 0.0 | 1.457 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.134 | 0.0 |
| 98 | 16248 | 16249 | NS | 1 | 0.0 | 264.988 | 10.334 | 0.0 | 29.969 | 14.132 | 0.0 | 355.516 | 10.208 | 0.0 | 16.203 | 12.43 | 0.0 | 1.419 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.138 | 0.0 |
| 99 | 16248 | 16249 | NS | 1 | 0.0 | 200.652 | 6.264 | 0.0 | 24.636 | 6.85 | 0.0 | 318.13 | 2.231 | 0.0 | 58.834 | 3.115 | 0.0 | 1.442 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.136 | 0.0 |
| 100 | 16248 | 16249 | NS | 1 | 0.0 | 200.652 | 6.264 | 0.0 | 24.636 | 6.85 | 0.0 | 318.13 | 2.231 | 0.0 | 58.834 | 3.115 | 0.0 | 1.442 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.136 | 0.0 |
| 101 | 16248 | 16249 | NS | 1 | 0.0 | 200.652 | 6.355 | 0.0 | 24.636 | 6.857 | 0.0 | 318.13 | 2.302 | 0.0 | 12.889 | 3.025 | 0.0 | 1.442 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.136 | 0.0 |
| 102 | 16248 | 16249 | NS | 1 | 0.0 | 264.988 | 10.293 | 0.0 | 29.969 | 14.493 | 0.0 | 355.516 | 9.981 | 0.0 | 66.39 | 12.937 | 0.0 | 1.419 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.138 | 0.0 |
| 103 | 16248 | 16249 | SN | 1 | 0.0 | 23.384 | 5.946 | 0.0 | 24.873 | 7.753 | 0.0 | 137.533 | 2.203 | 0.0 | 133.675 | 3.352 | 0.0 | 1.444 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.137 | 0.0 |
| 104 | 16248 | 16249 | NS | 1 | 0.0 | 264.988 | 10.293 | 0.0 | 29.969 | 14.493 | 0.0 | 355.516 | 9.981 | 0.0 | 66.39 | 12.937 | 0.0 | 1.419 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.138 | 0.0 |
| 105 | 16249 | 16250 | SN | 1 | 0.0 | 28.413 | 13.18 | 0.0 | 29.083 | 13.192 | 0.0 | 136.347 | 11.469 | 0.0 | 272.386 | 13.555 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.138 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 16249 | 16250 | SN | 1 | 0.0 | 28.413 | 13.18 | 0.0 | 29.083 | 13.192 | 0.0 | 136.347 | 11.469 | 0.0 | 272.386 | 13.555 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.138 | 0.0 |
| 107 | 16249 | 16250 | NS | 1 | 0.0 | 93.399 | 10.405 | 0.0 | 29.98 | 13.87 | 0.0 | 354.347 | 10.56 | 0.0 | 13.302 | 12.103 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.138 | 0.0 |
| 108 | 16249 | 16250 | SN | 1 | 0.0 | 23.367 | 5.931 | 0.0 | 67.415 | 7.747 | 0.0 | 133.248 | 2.196 | 0.0 | 79.904 | 3.351 | 0.0 | 1.443 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 109 | 16249 | 16250 | NS | 1 | 0.0 | 201.645 | 6.304 | 0.0 | 24.652 | 6.848 | 0.0 | 306.107 | 2.237 | 0.0 | 74.618 | 3.111 | 0.0 | 1.442 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.136 | 0.0 |
| 110 | 16249 | 16250 | NS | 1 | 0.0 | 201.645 | 6.307 | 0.0 | 24.652 | 6.843 | 0.0 | 306.107 | 2.237 | 0.0 | 74.701 | 3.111 | 0.0 | 1.442 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.136 | 0.0 |
| 111 | 16249 | 16250 | NS | 1 | 0.0 | 201.645 | 6.509 | 0.0 | 24.652 | 6.894 | 0.0 | 306.107 | 2.403 | 0.0 | 12.905 | 3.082 | 0.0 | 1.442 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.136 | 0.0 |
| 112 | 16249 | 16250 | SN | 1 | 0.0 | 23.367 | 5.931 | 0.0 | 67.415 | 7.747 | 0.0 | 133.248 | 2.196 | 0.0 | 79.904 | 3.351 | 0.0 | 1.443 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 113 | 16249 | 16250 | NS | 1 | 0.0 | 93.399 | 10.268 | 0.0 | 29.98 | 14.452 | 0.0 | 354.347 | 9.946 | 0.0 | 98.652 | 12.923 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.138 | 0.0 |
| 114 | 16249 | 16250 | NS | 1 | 0.0 | 93.399 | 10.268 | 0.0 | 29.98 | 14.452 | 0.0 | 354.347 | 9.946 | 0.0 | 98.73 | 12.944 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.138 | 0.0 |
| 115 | 16250 | 16251 | SN | 1 | 0.0 | 27.989 | 13.198 | 0.0 | 25.777 | 13.155 | 0.0 | 146.407 | 11.387 | 0.0 | 73.851 | 13.599 | 0.0 | 1.459 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.137 | 0.0 |
| 116 | 16250 | 16251 | SN | 1 | 0.0 | 27.989 | 13.324 | 0.0 | 25.523 | 12.475 | 0.0 | 146.407 | 12.002 | 0.0 | 14.422 | 12.574 | 0.0 | 1.459 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.137 | 0.0 |
| 117 | 16250 | 16251 | NS | 1 | 0.0 | 269.846 | 10.292 | 0.0 | 115.545 | 14.464 | 0.0 | 355.588 | 10.055 | 0.0 | 79.085 | 13.005 | 0.0 | 1.421 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 118 | 16250 | 16251 | NS | 1 | 0.0 | 269.846 | 10.292 | 0.0 | 115.545 | 14.464 | 0.0 | 355.588 | 10.055 | 0.0 | 79.085 | 13.013 | 0.0 | 1.421 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 119 | 16250 | 16251 | NS | 1 | 0.0 | 269.846 | 10.5 | 0.0 | 115.545 | 13.772 | 0.0 | 355.588 | 11.255 | 0.0 | 79.085 | 12.061 | 0.0 | 1.421 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 120 | 16250 | 16251 | SN | 1 | 0.0 | 28.132 | 13.218 | 0.0 | 53.631 | 13.155 | 0.0 | 146.5 | 11.387 | 0.0 | 95.826 | 13.613 | 0.0 | 1.459 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.132 | 0.0 |
| 121 | 16250 | 16251 | NS | 1 | 0.0 | 205.779 | 6.691 | 0.0 | 100.285 | 7.067 | 0.0 | 347.939 | 2.541 | 0.0 | 79.058 | 3.302 | 0.0 | 1.443 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 122 | 16250 | 16251 | SN | 1 | 0.0 | 23.4 | 6.145 | 0.0 | 46.014 | 7.741 | 0.0 | 146.136 | 2.369 | 0.0 | 12.977 | 3.152 | 0.0 | 1.446 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 123 | 16250 | 16251 | NS | 1 | 0.0 | 205.779 | 6.319 | 0.0 | 100.285 | 6.875 | 0.0 | 347.939 | 2.236 | 0.0 | 79.058 | 3.154 | 0.0 | 1.443 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 124 | 16250 | 16251 | NS | 1 | 0.0 | 205.779 | 6.319 | 0.0 | 100.285 | 6.87 | 0.0 | 347.939 | 2.236 | 0.0 | 79.058 | 3.154 | 0.0 | 1.443 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 125 | 16250 | 16251 | SN | 1 | 0.0 | 23.4 | 5.963 | 0.0 | 126.004 | 7.706 | 0.0 | 146.401 | 2.187 | 0.0 | 100.332 | 3.338 | 0.0 | 1.445 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.137 | 0.0 |
| 126 | 16250 | 16251 | SN | 1 | 0.0 | 23.4 | 5.958 | 0.0 | 46.014 | 7.719 | 0.0 | 146.136 | 2.196 | 0.0 | 207.598 | 3.336 | 0.0 | 1.446 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 127 | 16251 | 16252 | SN | 1 | 0.0 | 28.077 | 12.97 | 0.0 | 126.6 | 13.124 | 0.0 | 144.146 | 11.411 | 0.0 | 70.642 | 13.642 | 0.0 | 1.455 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.137 | 0.0 |
| 128 | 16251 | 16252 | SN | 1 | 0.0 | 28.077 | 12.97 | 0.0 | 126.6 | 13.124 | 0.0 | 144.146 | 11.411 | 0.0 | 70.642 | 13.642 | 0.0 | 1.455 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.137 | 0.0 |
| 129 | 16251 | 16252 | NS | 1 | 0.0 | 159.105 | 10.322 | 0.0 | 29.974 | 14.434 | 0.0 | 153.998 | 10.033 | 0.0 | 72.175 | 12.957 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 130 | 16251 | 16252 | SN | 1 | 0.0 | 23.395 | 5.945 | 0.0 | 237.655 | 7.71 | 0.0 | 147.311 | 2.186 | 0.0 | 60.83 | 3.308 | 0.0 | 1.444 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 131 | 16251 | 16252 | SN | 1 | 0.0 | 23.395 | 5.945 | 0.0 | 237.655 | 7.71 | 0.0 | 147.311 | 2.186 | 0.0 | 60.83 | 3.308 | 0.0 | 1.444 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 132 | 16251 | 16252 | SN | 1 | 0.0 | 28.077 | 13.036 | 0.0 | 126.6 | 12.66 | 0.0 | 144.146 | 11.803 | 0.0 | 14.416 | 12.811 | 0.0 | 1.455 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.137 | 0.0 |
| 133 | 16251 | 16252 | NS | 1 | 0.0 | 194.351 | 6.305 | 0.0 | 24.652 | 6.853 | 0.0 | 138.644 | 2.245 | 0.0 | 58.977 | 3.12 | 0.0 | 1.442 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 134 | 16251 | 16252 | NS | 1 | 0.0 | 96.184 | 6.307 | 0.0 | 24.647 | 6.839 | 0.0 | 138.512 | 2.243 | 0.0 | 59.022 | 3.14 | 0.0 | 1.443 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.138 | 0.0 |
| 135 | 16251 | 16252 | NS | 1 | 0.0 | 24.078 | 10.291 | 0.0 | 29.98 | 14.444 | 0.0 | 139.929 | 10.041 | 0.0 | 72.109 | 12.949 | 0.0 | 1.419 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.134 | 0.0 |
| 136 | 16251 | 16252 | SN | 1 | 0.0 | 23.395 | 6.037 | 0.0 | 237.655 | 7.728 | 0.0 | 147.311 | 2.276 | 0.0 | 12.977 | 3.143 | 0.0 | 1.444 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 137 | 16252 | 16253 | SN | 1 | 0.0 | 23.345 | 5.977 | 0.0 | 24.873 | 7.744 | 0.0 | 139.276 | 2.194 | 0.0 | 76.077 | 3.203 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.139 | 0.0 |
| 138 | 16252 | 16253 | NS | 1 | 0.0 | 24.751 | 6.273 | 0.0 | 24.63 | 6.864 | 0.0 | 140.619 | 2.23 | 0.0 | 49.856 | 3.132 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.137 | 0.0 |
| 139 | 16252 | 16253 | SN | 1 | 0.0 | 28.573 | 12.956 | 0.0 | 25.794 | 13.146 | 0.0 | 155.71 | 11.422 | 0.0 | 192.25 | 13.6 | 0.0 | 1.455 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.139 | 0.0 |
| 140 | 16252 | 16253 | NS | 1 | 0.0 | 24.751 | 6.271 | 0.0 | 24.63 | 6.864 | 0.0 | 140.619 | 2.228 | 0.0 | 49.856 | 3.132 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.137 | 0.0 |
| 141 | 16252 | 16253 | SN | 1 | 0.0 | 28.573 | 12.985 | 0.0 | 25.794 | 12.947 | 0.0 | 155.71 | 11.523 | 0.0 | 192.25 | 13.263 | 0.0 | 1.455 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.139 | 0.0 |
| 142 | 16252 | 16253 | SN | 1 | 0.0 | 28.573 | 12.956 | 0.0 | 25.794 | 13.146 | 0.0 | 155.71 | 11.422 | 0.0 | 192.25 | 13.6 | 0.0 | 1.455 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.139 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|----------|-----------|--------|-------|---------|----------|-----------|-----------|--------|----------|-----------|-----------|-------|-------|------|-------|----------|-----------|-----------|-------|----------|-----------|-------|-----|
| 143 | 16252 | 16253 | NS | 1 | 0.0 | 24.062 | 10.225 | 0.0 | 29.957 | 14.492 | 0.0 | 352.4 | 10.031 | 0.0 | 77.541 | 12.987 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.135 | 0.0 |
| 144 | 16252 | 16253 | NS | 1 | 0.0 | 24.062 | 10.225 | 0.0 | 29.957 | 14.492 | 0.0 | 352.4 | 10.038 | 0.0 | 77.541 | 12.987 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.135 | 0.0 |
| 145 | 16252 | 16253 | SN | 1 | 0.0 | 23.345 | 5.936 | 0.0 | 24.873 | 7.742 | 0.0 | 139.276 | 2.18 | 0.0 | 76.077 | 3.316 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.139 | 0.0 |
| 146 | 16252 | 16253 | SN | 1 | 0.0 | 23.345 | 5.936 | 0.0 | 24.873 | 7.742 | 0.0 | 139.276 | 2.18 | 0.0 | 76.077 | 3.316 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.139 | 0.0 |
| 147 | 16253 | 16254 | NS | 1 | 0.0 | 122.629 | 6.266 | 0.0 | 24.636 | 6.852 | 0.0 | 332.458 | 2.221 | 0.0 | 63.731 | 3.105 | 0.0 | 1.442 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.135 | 0.0 |
| 148 | 16253 | 16254 | SN | 1 | 0.0 | 22.099 | 5.986 | 0.0 | 24.851 | 7.695 | 0.0 | 166.939 | 2.203 | 0.0 | 14.637 | 3.204 | 0.0 | 1.439 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 149 | 16253 | 16254 | SN | 1 | 0.0 | 22.099 | 5.951 | 0.0 | 24.856 | 7.699 | 0.0 | 166.928 | 2.192 | 0.0 | 53.799 | 3.318 | 0.0 | 1.439 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 150 | 16253 | 16254 | NS | 1 | 0.0 | 149.807 | 10.312 | 0.0 | 29.957 | 14.515 | 0.0 | 354.06 | 9.931 | 0.0 | 75.169 | 12.906 | 0.0 | 1.419 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.136 | 0.0 |
| 151 | 16253 | 16254 | SN | 1 | 0.0 | 22.099 | 5.986 | 0.0 | 24.856 | 7.697 | 0.0 | 166.928 | 2.203 | 0.0 | 14.642 | 3.208 | 0.0 | 1.439 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 152 | 16253 | 16254 | SN | 1 | 0.0 | 28.496 | 13.224 | 0.0 | 25.799 | 13.039 | 0.0 | 167.832 | 11.47 | 0.0 | 19.815 | 13.286 | 0.0 | 1.455 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.133 | 0.0 |
| 153 | 16253 | 16254 | SN | 1 | 0.0 | 28.502 | 13.225 | 0.0 | 25.799 | 13.208 | 0.0 | 167.827 | 11.382 | 0.0 | 71.259 | 13.557 | 0.0 | 1.455 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.133 | 0.0 |
| 154 | 16253 | 16254 | SN | 1 | 0.0 | 28.502 | 13.224 | 0.0 | 25.799 | 13.049 | 0.0 | 167.827 | 11.463 | 0.0 | 19.815 | 13.272 | 0.0 | 1.455 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.133 | 0.0 |
| 155 | 16253 | 16254 | NS | 1 | 0.0 | 198.929 | 6.259 | 0.0 | 24.63 | 6.866 | 0.0 | 215.915 | 2.219 | 0.0 | 63.919 | 3.109 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.137 | 0.0 |
| 156 | 16253 | 16254 | NS | 1 | 0.0 | 149.807 | 10.235 | 0.0 | 29.963 | 14.492 | 0.0 | 352.632 | 9.946 | 0.0 | 80.183 | 12.923 | 0.0 | 1.419 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.135 | 0.0 |
| 157 | 16254 | 16255 | SN | 1 | 0.0 | 22.11 | 6.044 | 0.0 | 123.704 | 7.732 | 0.0 | 158.683 | 2.205 | 0.0 | 170.455 | 3.225 | 0.0 | 1.438 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.139 | 0.0 |
| 158 | 16254 | 16255 | SN | 1 | 0.0 | 22.11 | 5.996 | 0.0 | 123.704 | 7.73 | 0.0 | 158.683 | 2.186 | 0.0 | 170.455 | 3.355 | 0.0 | 1.438 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.139 | 0.0 |
| 159 | 16254 | 16255 | NS | 1 | 0.0 | 255.243 | 10.289 | 0.0 | 29.957 | 14.499 | 0.0 | 138.832 | 9.926 | 0.0 | 35.737 | 12.826 | 0.0 | 1.419 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 160 | 16254 | 16255 | NS | 1 | 0.0 | 24.735 | 6.244 | 0.0 | 24.63 | 6.85 | 0.0 | 261.623 | 2.241 | 0.0 | 60.196 | 3.113 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.136 | 0.0 |
| 161 | 16254 | 16255 | SN | 1 | 0.0 | 28.314 | 13.231 | 0.0 | 67.228 | 13.202 | 0.0 | 162.395 | 11.425 | 0.0 | 170.532 | 13.519 | 0.0 | 1.454 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 162 | 16254 | 16255 | SN | 1 | 0.0 | 28.314 | 13.231 | 0.0 | 67.228 | 13.202 | 0.0 | 162.395 | 11.425 | 0.0 | 170.532 | 13.519 | 0.0 | 1.454 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 163 | 16254 | 16255 | SN | 1 | 0.0 | 28.314 | 13.242 | 0.0 | 67.228 | 12.945 | 0.0 | 162.395 | 11.545 | 0.0 | 170.532 | 13.129 | 0.0 | 1.454 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 164 | 16254 | 16255 | SN | 1 | 0.0 | 22.11 | 5.996 | 0.0 | 123.704 | 7.73 | 0.0 | 158.683 | 2.186 | 0.0 | 170.455 | 3.355 | 0.0 | 1.438 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.139 | 0.0 |
| 165 | 16255 | 16256 | SN | 1 | 0.0 | 28.424 | 13.314 | 0.0 | 48.083 | 12.829 | 0.0 | 170.143 | 11.657 | 0.0 | 16.269 | 12.967 | 0.0 | 1.459 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.138 | 0.0 |
| 166 | 16255 | 16256 | NS | 1 | 0.0 | 24.073 | 10.283 | 0.0 | 29.963 | 14.525 | 0.0 | 322.195 | 10.063 | 0.0 | 75.528 | 12.871 | 0.0 | 1.419 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.137 | 0.0 |
| 167 | 16255 | 16256 | NS | 1 | 0.0 | 24.018 | 10.247 | 0.0 | 29.957 | 14.554 | 0.0 | 354.457 | 9.997 | 0.0 | 83.31 | 12.878 | 0.0 | 1.419 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.135 | 0.0 |
| 168 | 16255 | 16256 | SN | 1 | 0.0 | 28.424 | 13.29 | 0.0 | 25.772 | 13.172 | 0.0 | 170.127 | 11.432 | 0.0 | 134.472 | 13.555 | 0.0 | 1.458 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.138 | 0.0 |
| 169 | 16255 | 16256 | SN | 1 | 0.0 | 22.121 | 6.044 | 0.0 | 226.78 | 7.731 | 0.0 | 172.824 | 2.248 | 0.0 | 12.977 | 3.21 | 0.0 | 1.442 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 170 | 16255 | 16256 | NS | 1 | 0.0 | 24.746 | 6.237 | 0.0 | 24.636 | 6.858 | 0.0 | 324.29 | 2.233 | 0.0 | 55.547 | 3.135 | 0.0 | 1.442 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.135 | 0.0 |
| 171 | 16255 | 16256 | NS | 1 | 0.0 | 24.751 | 6.246 | 0.0 | 24.636 | 6.841 | 0.0 | 324.29 | 2.232 | 0.0 | 62.209 | 3.133 | 0.0 | 1.441 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.135 | 0.0 |
| 172 | 16255 | 16256 | SN | 1 | 0.0 | 22.121 | 5.987 | 0.0 | 24.873 | 7.723 | 0.0 | 172.807 | 2.21 | 0.0 | 45.681 | 3.34 | 0.0 | 1.442 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 173 | 16256 | 16257 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 4.307 | 0.0 | 100000.0 | -100000.0 | 0.0 | 1.053 | 0.0 | 100000.0 | -100000.0 | 0.0 | 0.0 | 0.0 | 0.486 | 0.0 | 100000.0 | -100000.0 | 0.0 | 0.0 | 0.262 | 0.0 | |
| 174 | 16256 | 16257 | SN | 1 | 0.0 | 11.802 | 0.958 | 0.0 | 5.383 | 0.0 | 0.0 | 9.012 | 0.0 | 100000.0 | -100000.0 | 0.0 | 1.304 | 0.0 | 0.0 | 0.005 | 0.0 | 0.0 | 1.773 | 0.0 | 100000.0 | -100000.0 | 0.0 | |
| 175 | 16256 | 16257 | NS | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 4.291 | 0.0 | 100000.0 | -100000.0 | 0.0 | 4.004 | 0.0 | 0.0 | 0.0 | 0.0 | 0.85 | 0.0 | 100000.0 | -100000.0 | 0.0 | 0.0 | 0.889 | 0.0 | | |
| 176 | 16256 | 16257 | SN | 1 | 0.0 | 12.657 | 4.43 | 0.0 | 4.919 | 0.0 | 0.0 | 10.649 | 0.383 | 100000.0 | -100000.0 | 0.0 | 1.297 | 0.0 | 0.0 | 0.549 | 0.0 | 0.0 | 1.748 | 0.0 | 100000.0 | -100000.0 | 0.0 | |
| 177 | 16257 | 16258 | NS | 1 | 0.0 | 149.779 | 10.281 | 0.0 | 29.969 | 14.494 | 0.0 | 356.134 | 10.068 | 0.0 | 60.273 | 12.999 | 0.0 | 1.419 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.136 | 0.0 |
| 178 | 16257 | 16258 | SN | 1 | 0.0 | 22.093 | 6.075 | 0.0 | 237.611 | 7.774 | 0.0 | 143.528 | 2.332 | 0.0 | 88.364 | 3.194 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 179 | 16257 | 16258 | NS | 1 | 0.0 | 255.011 | 6.235 | 0.0 | 24.641 | 6.839 | 0.0 | 353.415 | 2.272 | 0.0 | 59.435 | 3.138 | 0.0 | 1.441 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.137 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 180 | 16257 | 16258 | SN | 1 | 0.0 | 28.027 | 13.073 | 0.0 | 126.55 | 13.133 | 0.0 | 151.431 | 11.361 | 0.0 | 77.136 | 13.52 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.139 | 0.0 |
| 181 | 16257 | 16258 | SN | 1 | 0.0 | 28.027 | 13.16 | 0.0 | 126.55 | 12.603 | 0.0 | 151.431 | 11.861 | 0.0 | 77.136 | 12.613 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.139 | 0.0 |
| 182 | 16257 | 16258 | SN | 1 | 0.0 | 22.093 | 5.958 | 0.0 | 237.611 | 7.762 | 0.0 | 143.528 | 2.209 | 0.0 | 88.364 | 3.358 | 0.0 | 1.44 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 183 | 16258 | 16259 | NS | 1 | 0.0 | 24.746 | 6.284 | 0.0 | 24.652 | 6.851 | 0.0 | 317.375 | 2.233 | 0.0 | 50.539 | 3.172 | 0.0 | 1.44 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.137 | 0.0 |
| 184 | 16258 | 16259 | NS | 1 | 0.0 | 24.746 | 6.284 | 0.0 | 24.652 | 6.848 | 0.0 | 317.375 | 2.233 | 0.0 | 50.539 | 3.172 | 0.0 | 1.44 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.137 | 0.0 |
| 185 | 16258 | 16259 | SN | 1 | 0.0 | 22.093 | 5.957 | 0.0 | 236.982 | 7.747 | 0.0 | 142.21 | 2.185 | 0.0 | 53.187 | 3.287 | 0.0 | 1.441 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.137 | 0.0 |
| 186 | 16258 | 16259 | SN | 1 | 0.0 | 28.441 | 13.052 | 0.0 | 146.035 | 13.218 | 0.0 | 152.6 | 11.412 | 0.0 | 78.252 | 13.578 | 0.0 | 1.457 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 187 | 16258 | 16259 | SN | 1 | 0.0 | 28.441 | 13.052 | 0.0 | 146.035 | 13.218 | 0.0 | 152.6 | 11.412 | 0.0 | 78.214 | 13.571 | 0.0 | 1.457 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 188 | 16258 | 16259 | SN | 1 | 0.0 | 22.093 | 6.132 | 0.0 | 236.982 | 7.772 | 0.0 | 142.21 | 2.367 | 0.0 | 12.977 | 3.118 | 0.0 | 1.441 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.137 | 0.0 |
| 189 | 16258 | 16259 | NS | 1 | 0.0 | 24.172 | 10.205 | 0.0 | 29.985 | 14.522 | 0.0 | 354.546 | 10.173 | 0.0 | 63.356 | 13.016 | 0.0 | 1.42 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.137 | 0.0 |
| 190 | 16258 | 16259 | NS | 1 | 0.0 | 24.172 | 10.205 | 0.0 | 29.985 | 14.522 | 0.0 | 354.546 | 10.173 | 0.0 | 63.356 | 13.016 | 0.0 | 1.42 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.137 | 0.0 |
| 191 | 16258 | 16259 | SN | 1 | 0.0 | 22.093 | 5.959 | 0.0 | 236.982 | 7.75 | 0.0 | 142.21 | 2.185 | 0.0 | 53.159 | 3.286 | 0.0 | 1.441 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.137 | 0.0 |
| 192 | 16258 | 16259 | SN | 1 | 0.0 | 28.441 | 13.157 | 0.0 | 146.035 | 12.478 | 0.0 | 152.6 | 12.02 | 0.0 | 14.427 | 12.536 | 0.0 | 1.457 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 193 | 16259 | 16260 | SN | 1 | 0.0 | 28.474 | 13.019 | 0.0 | 144.992 | 13.06 | 0.0 | 138.807 | 11.45 | 0.0 | 60.875 | 13.584 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.136 | 0.0 |
| 194 | 16259 | 16260 | NS | 1 | 0.0 | 240.029 | 6.276 | 0.0 | 24.641 | 6.841 | 0.0 | 350.079 | 2.216 | 0.0 | 72.384 | 3.116 | 0.0 | 1.44 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.137 | 0.0 |
| 195 | 16259 | 16260 | NS | 1 | 0.0 | 265.534 | 6.274 | 0.0 | 24.641 | 6.843 | 0.0 | 350.084 | 2.216 | 0.0 | 72.423 | 3.118 | 0.0 | 1.44 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.137 | 0.0 |
| 196 | 16259 | 16260 | SN | 1 | 0.0 | 28.474 | 13.019 | 0.0 | 144.992 | 13.06 | 0.0 | 138.807 | 11.45 | 0.0 | 60.875 | 13.584 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.136 | 0.0 |
| 197 | 16259 | 16260 | NS | 1 | 0.0 | 254.131 | 10.176 | 0.0 | 29.969 | 14.522 | 0.0 | 354.182 | 10.026 | 0.0 | 96.093 | 12.928 | 0.0 | 1.419 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.137 | 0.0 |
| 198 | 16259 | 16260 | SN | 1 | 0.0 | 22.088 | 5.945 | 0.0 | 24.784 | 7.69 | 0.0 | 154.067 | 2.188 | 0.0 | 43.982 | 3.288 | 0.0 | 1.44 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.138 | 0.0 |
| 199 | 16259 | 16260 | NS | 1 | 0.0 | 265.749 | 10.186 | 0.0 | 29.969 | 14.522 | 0.0 | 354.187 | 10.04 | 0.0 | 96.137 | 12.971 | 0.0 | 1.419 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.137 | 0.0 |
| 200 | 16259 | 16260 | SN | 1 | 0.0 | 22.088 | 5.945 | 0.0 | 24.784 | 7.69 | 0.0 | 154.067 | 2.188 | 0.0 | 43.982 | 3.288 | 0.0 | 1.44 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.138 | 0.0 |
| 201 | 16260 | 16261 | NS | 1 | 0.0 | 24.029 | 10.295 | 0.0 | 29.963 | 14.515 | 0.0 | 350.823 | 10.043 | 0.0 | 91.582 | 12.864 | 0.0 | 1.418 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 202 | 16260 | 16261 | SN | 1 | 0.0 | 23.384 | 5.945 | 0.0 | 24.779 | 7.723 | 0.0 | 162.362 | 2.192 | 0.0 | 190.568 | 3.262 | 0.0 | 1.444 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.136 | 0.0 |
| 203 | 16260 | 16261 | SN | 1 | 0.0 | 27.95 | 12.895 | 0.0 | 25.711 | 13.073 | 0.0 | 159.389 | 11.401 | 0.0 | 242.751 | 13.539 | 0.0 | 1.457 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 204 | 16260 | 16261 | NS | 1 | 0.0 | 24.746 | 6.256 | 0.0 | 24.641 | 6.867 | 0.0 | 324.13 | 2.246 | 0.0 | 71.59 | 3.096 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.138 | 0.0 |
| 205 | 16260 | 16261 | NS | 1 | 0.0 | 41.382 | 6.256 | 0.0 | 24.641 | 6.864 | 0.0 | 324.13 | 2.249 | 0.0 | 71.585 | 3.101 | 0.0 | 1.44 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.138 | 0.0 |
| 206 | 16260 | 16261 | NS | 1 | 0.0 | 41.586 | 10.295 | 0.0 | 29.963 | 14.494 | 0.0 | 350.829 | 10.036 | 0.0 | 91.577 | 12.864 | 0.0 | 1.418 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 207 | 16261 | 16262 | NS | 1 | 0.0 | 258.121 | 6.245 | 0.0 | 24.641 | 6.842 | 0.0 | 309.245 | 2.233 | 0.0 | 74.304 | 3.089 | 0.0 | 1.44 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.139 | 0.0 |
| 208 | 16261 | 16262 | SN | 1 | 0.0 | 23.367 | 5.951 | 0.0 | 24.779 | 7.725 | 0.0 | 156.438 | 2.192 | 0.0 | 119.921 | 3.289 | 0.0 | 1.443 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.137 | 0.0 |
| 209 | 16261 | 16262 | SN | 1 | 0.0 | 27.933 | 13.027 | 0.0 | 25.777 | 13.113 | 0.0 | 157.31 | 11.344 | 0.0 | 282.525 | 13.568 | 0.0 | 1.457 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 210 | 16261 | 16262 | NS | 1 | 0.0 | 205.751 | 10.336 | 0.0 | 29.963 | 14.515 | 0.0 | 142.67 | 10.057 | 0.0 | 88.902 | 12.814 | 0.0 | 1.419 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.14 | 0.0 |
| 211 | 16262 | 16263 | NS | 1 | 0.0 | 141.884 | 10.305 | 0.0 | 29.974 | 14.23 | 0.0 | 150.496 | 10.15 | 0.0 | 19.291 | 12.534 | 0.0 | 1.419 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 212 | 16262 | 16263 | NS | 1 | 0.0 | 141.884 | 10.281 | 0.0 | 29.974 | 14.454 | 0.0 | 150.496 | 10.033 | 0.0 | 59.005 | 12.857 | 0.0 | 1.419 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 213 | 16262 | 16263 | NS | 1 | 0.0 | 259.393 | 6.282 | 0.0 | 24.641 | 6.844 | 0.0 | 132.104 | 2.243 | 0.0 | 58.244 | 3.107 | 0.0 | 1.443 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.137 | 0.0 |
| 214 | 16262 | 16263 | SN | 1 | 0.0 | 23.373 | 5.958 | 0.0 | 24.779 | 7.71 | 0.0 | 147.024 | 2.201 | 0.0 | 272.656 | 3.255 | 0.0 | 1.441 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.137 | 0.0 |
| 215 | 16262 | 16263 | SN | 1 | 0.0 | 28.093 | 13.037 | 0.0 | 25.794 | 13.103 | 0.0 | 152.219 | 11.422 | 0.0 | 191.015 | 13.555 | 0.0 | 1.456 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.138 | 0.0 |
| 216 | 16262 | 16263 | NS | 1 | 0.0 | 259.393 | 6.33 | 0.0 | 24.641 | 6.848 | 0.0 | 132.104 | 2.28 | 0.0 | 12.883 | 3.026 | 0.0 | 1.443 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.137 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 217 | 16263 | 16264 | NS | 1 | 0.0 | 92.225 | 10.205 | 0.822 | 29.969 | 14.413 | 0.0 | 149.134 | 10.095 | 0.0 | 61.768 | 12.931 | 0.0 | 1.419 | 0.0 | 0.002 | 1.781 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.135 | 0.0 |
| 218 | 16263 | 16264 | SN | 1 | 0.0 | 28.452 | 13.056 | 0.0 | 218.981 | 13.133 | 0.0 | 155.131 | 11.387 | 0.0 | 212.099 | 13.577 | 0.0 | 1.457 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.138 | 0.0 |
| 219 | 16263 | 16264 | NS | 1 | 0.0 | 24.757 | 6.434 | 0.0 | 24.636 | 6.875 | 0.0 | 353.625 | 2.336 | 0.0 | 12.894 | 2.999 | 0.0 | 1.442 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.136 | 0.0 |
| 220 | 16263 | 16264 | NS | 1 | 0.0 | 92.225 | 10.205 | 0.822 | 29.969 | 14.413 | 0.0 | 149.134 | 10.095 | 0.0 | 61.768 | 12.931 | 0.0 | 1.419 | 0.0 | 0.002 | 1.781 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.135 | 0.0 |
| 221 | 16263 | 16264 | NS | 1 | 0.0 | 92.225 | 10.274 | 0.822 | 29.969 | 13.928 | 0.0 | 149.134 | 10.474 | 0.0 | 14.499 | 12.217 | 0.0 | 1.419 | 0.0 | 0.002 | 1.781 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.135 | 0.0 |
| 222 | 16263 | 16264 | NS | 1 | 0.0 | 24.757 | 6.29 | 0.0 | 24.636 | 6.856 | 0.0 | 353.625 | 2.225 | 0.0 | 49.21 | 3.088 | 0.0 | 1.442 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.136 | 0.0 |
| 223 | 16263 | 16264 | NS | 1 | 0.0 | 24.757 | 6.29 | 0.0 | 24.636 | 6.856 | 0.0 | 353.625 | 2.225 | 0.0 | 49.21 | 3.088 | 0.0 | 1.442 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.136 | 0.0 |
| 224 | 16263 | 16264 | SN | 1 | 0.0 | 22.104 | 5.944 | 0.0 | 125.05 | 7.712 | 0.0 | 138.167 | 2.191 | 0.0 | 140.597 | 3.272 | 0.0 | 1.44 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.137 | 0.0 |
| 225 | 16264 | 16265 | NS | 1 | 0.0 | 94.996 | 6.592 | 0.0 | 24.636 | 7.013 | 0.0 | 320.733 | 2.463 | 0.0 | 12.9 | 3.128 | 0.0 | 1.441 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.136 | 0.0 |
| 226 | 16264 | 16265 | SN | 1 | 0.0 | 45.295 | 5.94 | 0.0 | 236.982 | 7.72 | 0.0 | 125.692 | 2.201 | 0.0 | 53.666 | 3.303 | 0.0 | 1.441 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.137 | 0.0 |
| 227 | 16264 | 16265 | NS | 1 | 0.0 | 239.547 | 6.313 | 0.0 | 24.636 | 6.876 | 0.0 | 320.733 | 2.233 | 0.0 | 59.264 | 3.092 | 0.0 | 1.441 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.136 | 0.0 |
| 228 | 16264 | 16265 | NS | 1 | 0.0 | 96.129 | 10.394 | 0.822 | 29.969 | 13.796 | 0.0 | 353.062 | 10.924 | 0.0 | 13.308 | 11.98 | 0.0 | 1.419 | 0.0 | 0.002 | 1.781 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.135 | 0.0 |
| 229 | 16264 | 16265 | NS | 1 | 0.0 | 206.385 | 10.214 | 0.822 | 29.969 | 14.423 | 0.0 | 353.062 | 10.052 | 0.0 | 71.392 | 12.874 | 0.0 | 1.419 | 0.0 | 0.002 | 1.781 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.135 | 0.0 |
| 230 | 16264 | 16265 | SN | 1 | 0.0 | 45.295 | 5.94 | 0.0 | 236.982 | 7.72 | 0.0 | 125.692 | 2.201 | 0.0 | 53.666 | 3.303 | 0.0 | 1.441 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.137 | 0.0 |
| 231 | 16264 | 16265 | NS | 1 | 0.0 | 24.15 | 10.203 | 0.822 | 29.969 | 14.423 | 0.0 | 353.062 | 10.052 | 0.0 | 71.386 | 12.874 | 0.0 | 1.419 | 0.0 | 0.002 | 1.781 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.135 | 0.0 |
| 232 | 16264 | 16265 | SN | 1 | 0.0 | 28.468 | 13.08 | 0.0 | 232.609 | 13.226 | 0.0 | 144.774 | 11.482 | 0.0 | 106.42 | 13.664 | 0.0 | 1.455 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.136 | 0.0 |
| 233 | 16264 | 16265 | SN | 1 | 0.0 | 28.468 | 13.08 | 0.0 | 232.609 | 13.226 | 0.0 | 144.774 | 11.482 | 0.0 | 106.42 | 13.664 | 0.0 | 1.455 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.136 | 0.0 |
| 234 | 16264 | 16265 | NS | 1 | 0.0 | 78.426 | 6.311 | 0.0 | 24.636 | 6.876 | 0.0 | 320.733 | 2.233 | 0.0 | 59.253 | 3.087 | 0.0 | 1.441 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.136 | 0.0 |
| 235 | 16265 | 16266 | SN | 1 | 0.0 | 28.959 | 12.917 | 0.0 | 25.7 | 13.153 | 0.0 | 137.682 | 11.456 | 0.0 | 134.56 | 13.606 | 0.0 | 1.455 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 236 | 16265 | 16266 | NS | 1 | 0.0 | 58.021 | 6.308 | 0.0 | 24.636 | 6.85 | 0.0 | 211.007 | 2.236 | 0.0 | 61.354 | 3.077 | 0.0 | 1.442 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 237 | 16265 | 16266 | NS | 1 | 0.0 | 236.514 | 6.31 | 0.0 | 24.636 | 6.856 | 0.0 | 211.007 | 2.234 | 0.0 | 61.354 | 3.077 | 0.0 | 1.442 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 238 | 16265 | 16266 | SN | 1 | 0.0 | 28.959 | 13.003 | 0.0 | 25.7 | 12.53 | 0.0 | 137.682 | 12.017 | 0.0 | 134.56 | 12.679 | 0.0 | 1.455 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 239 | 16265 | 16266 | NS | 1 | 0.0 | 160.44 | 10.479 | 0.0 | 29.952 | 13.718 | 0.0 | 354.182 | 11.536 | 0.0 | 13.308 | 12.042 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.137 | 0.0 |
| 240 | 16265 | 16266 | NS | 1 | 0.0 | 160.44 | 10.209 | 0.0 | 29.952 | 14.419 | 0.0 | 354.182 | 10.004 | 0.0 | 69.572 | 12.878 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.137 | 0.0 |
| 241 | 16265 | 16266 | SN | 1 | 0.0 | 23.367 | 6.088 | 0.0 | 24.779 | 7.654 | 0.0 | 140.406 | 2.325 | 0.0 | 46.759 | 3.154 | 0.0 | 1.447 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.135 | 0.0 |
| 242 | 16265 | 16266 | SN | 1 | 0.0 | 23.367 | 5.951 | 0.0 | 24.779 | 7.647 | 0.0 | 140.406 | 2.179 | 0.0 | 63.957 | 3.314 | 0.0 | 1.447 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.135 | 0.0 |
| 243 | 16265 | 16266 | SN | 1 | 0.0 | 23.367 | 5.951 | 0.0 | 24.779 | 7.651 | 0.0 | 140.406 | 2.179 | 0.0 | 63.957 | 3.314 | 0.0 | 1.447 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.135 | 0.0 |
| 244 | 16265 | 16266 | NS | 1 | 0.0 | 236.514 | 6.786 | 0.0 | 24.636 | 7.074 | 0.0 | 211.007 | 2.621 | 0.0 | 12.9 | 3.313 | 0.0 | 1.442 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 245 | 16265 | 16266 | NS | 1 | 0.0 | 239.183 | 10.209 | 0.0 | 29.952 | 14.419 | 0.0 | 354.182 | 10.004 | 0.0 | 69.572 | 12.884 | 0.0 | 1.42 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.137 | 0.0 |
| 246 | 16265 | 16266 | SN | 1 | 0.0 | 28.959 | 12.917 | 0.0 | 25.7 | 13.153 | 0.0 | 137.682 | 11.456 | 0.0 | 134.56 | 13.606 | 0.0 | 1.455 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.845 | 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 |