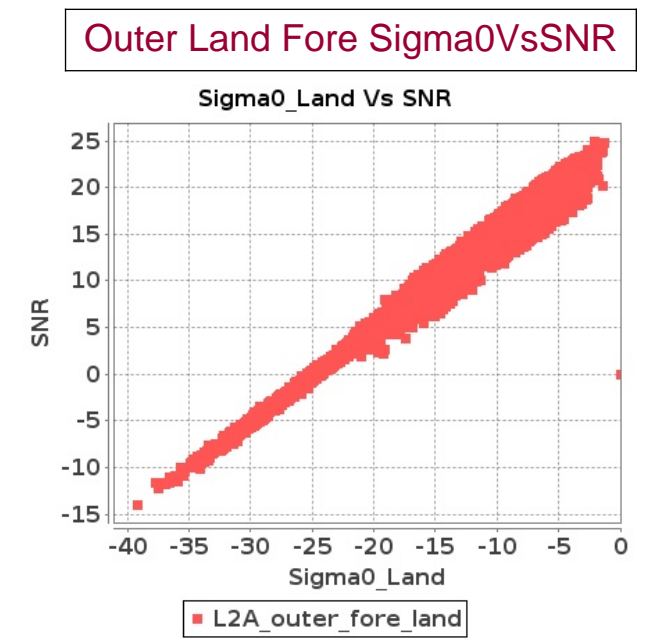
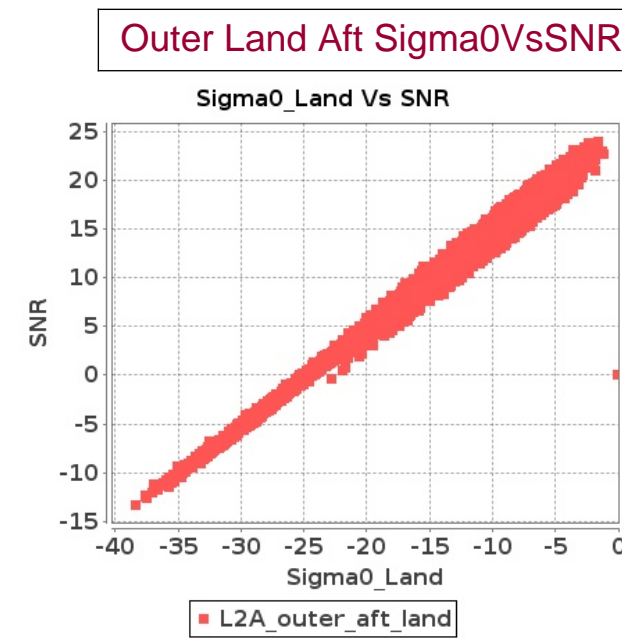
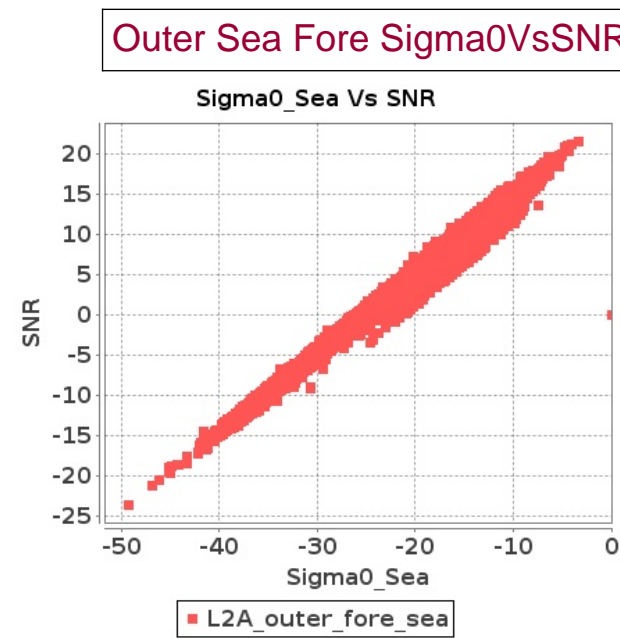
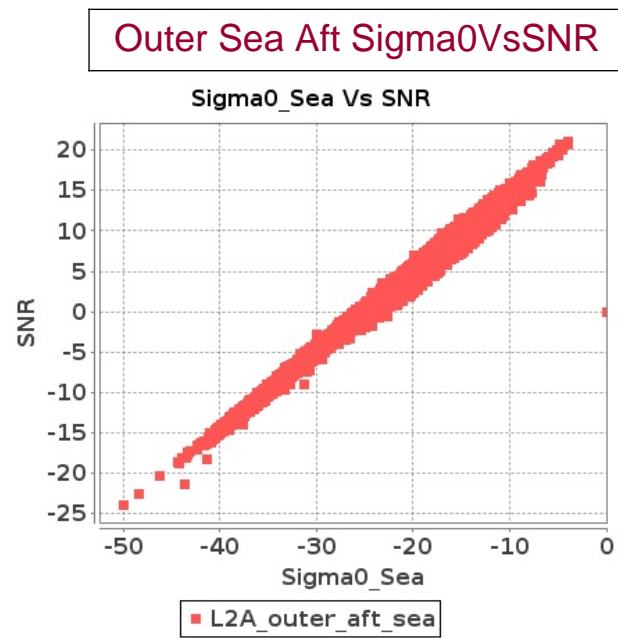
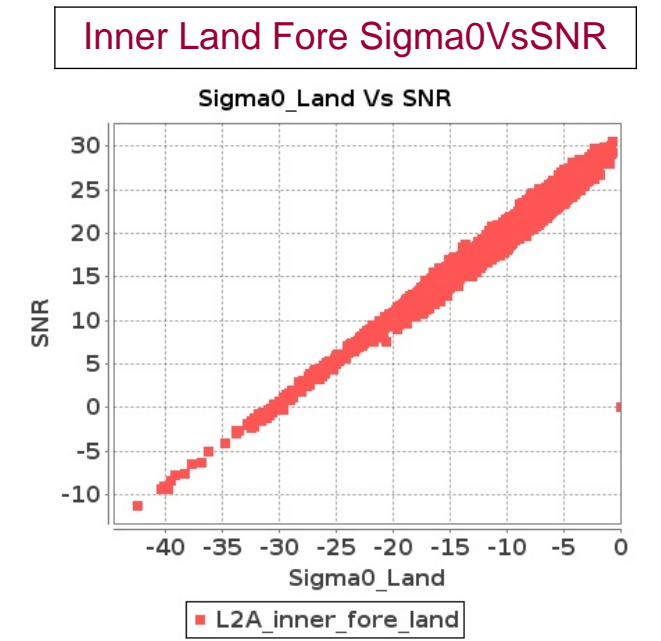
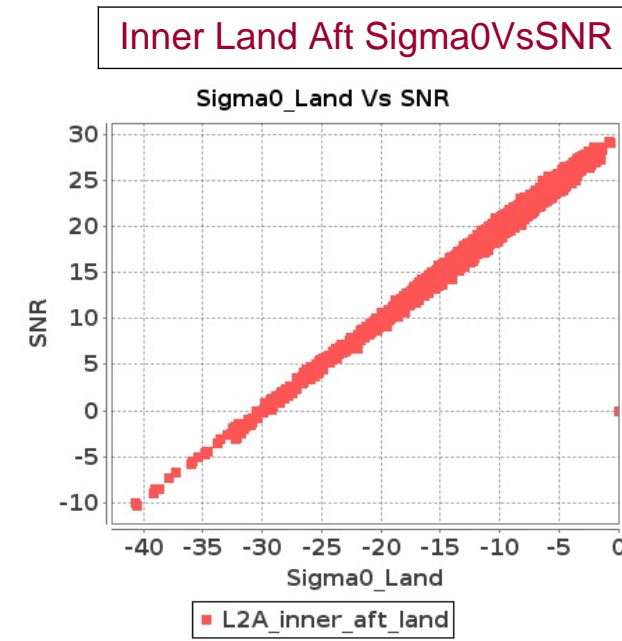
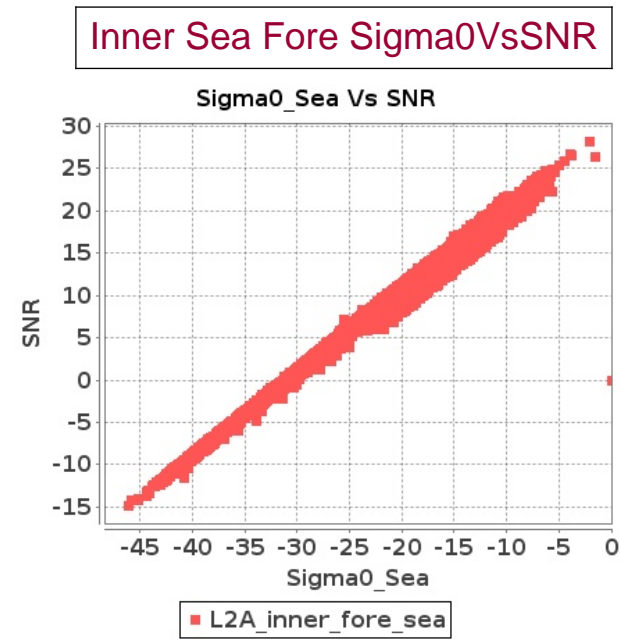
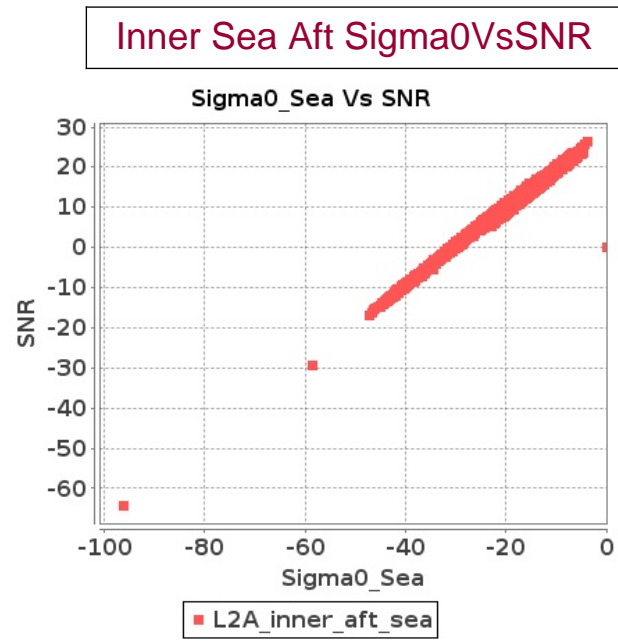


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 19-APR-2018 To 20-APR-2018



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

Report between 19-APR-2018 To 20-APR-2018

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | SNR | | | | | | | | | | | | Sigma0 | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 8262 | 8263 | NS | 1 | 0.0 | 49.578 | 2.412 | 0.0 | 48.925 | 3.273 | 0.0 | 42.301 | 2.119 | 0.0 | 48.981 | 2.798 | 0.0 | 49.506 | 2.441 | 0.0 | 53.276 | 2.995 | 0.0 | 42.583 | 2.108 | 0.0 | 47.438 | 2.523 |
| 2 | 8262 | 8263 | NS | 1 | 0.0 | 51.24 | 9.505 | 0.0 | 49.041 | 11.283 | 0.0 | 44.844 | 7.538 | 0.0 | 44.974 | 8.763 | 0.0 | 51.077 | 9.536 | 0.0 | 49.538 | 10.643 | 0.0 | 44.186 | 7.624 | 0.0 | 44.487 | 8.422 |
| 3 | 8262 | 8263 | NS | 1 | 0.0 | 52.188 | 9.623 | 0.0 | 53.435 | 11.258 | 0.0 | 46.729 | 7.699 | 0.0 | 48.123 | 9.076 | 0.0 | 51.823 | 9.795 | 0.0 | 52.282 | 10.984 | 0.0 | 46.801 | 7.607 | 0.0 | 46.763 | 8.649 |
| 4 | 8262 | 8263 | SN | 1 | 0.0 | 48.345 | 1.012 | 0.0 | 50.243 | 1.232 | 0.0 | 41.269 | 0.906 | 0.0 | 42.807 | 1.257 | 0.0 | 46.953 | 1.01 | 0.0 | 50.37 | 1.183 | 0.0 | 42.4 | 0.901 | 0.0 | 38.646 | 1.168 |
| 5 | 8262 | 8263 | SN | 1 | 0.0 | 48.345 | 0.989 | 0.0 | 50.243 | 1.2 | 0.0 | 41.269 | 0.882 | 0.0 | 42.807 | 1.224 | 0.0 | 46.953 | 0.985 | 0.0 | 50.37 | 1.155 | 0.0 | 42.4 | 0.876 | 0.0 | 38.646 | 1.136 |
| 6 | 8262 | 8263 | SN | 1 | 0.0 | 48.345 | 0.982 | 0.0 | 51.111 | 1.198 | 0.0 | 41.806 | 0.901 | 0.0 | 42.807 | 1.239 | 0.0 | 46.953 | 0.978 | 0.0 | 51.237 | 1.155 | 0.0 | 42.757 | 0.885 | 0.0 | 38.646 | 1.137 |
| 7 | 8262 | 8263 | SN | 1 | 0.0 | 49.218 | 3.914 | 0.0 | 47.038 | 4.423 | 0.0 | 43.663 | 3.312 | 0.0 | 45.72 | 4.222 | 0.0 | 49.974 | 3.944 | 0.0 | 48.229 | 4.007 | 0.0 | 45.529 | 3.213 | 0.0 | 47.67 | 3.959 |
| 8 | 8262 | 8263 | SN | 1 | 0.0 | 49.218 | 3.914 | 0.0 | 47.078 | 4.454 | 0.0 | 43.896 | 3.362 | 0.0 | 45.72 | 4.229 | 0.0 | 49.974 | 3.934 | 0.0 | 48.231 | 3.997 | 0.0 | 45.764 | 3.241 | 0.0 | 47.67 | 3.931 |
| 9 | 8262 | 8263 | SN | 1 | 0.0 | 49.218 | 4.015 | 0.0 | 47.038 | 4.549 | 0.0 | 43.663 | 3.405 | 0.0 | 45.72 | 4.333 | 0.0 | 49.974 | 4.046 | 0.0 | 48.229 | 4.122 | 0.0 | 45.529 | 3.289 | 0.0 | 47.67 | 4.063 |
| 10 | 8262 | 8263 | NS | 1 | 0.0 | 52.386 | 2.503 | 0.0 | 47.68 | 3.34 | 0.0 | 44.527 | 2.086 | 0.0 | 48.981 | 2.69 | 0.0 | 52.415 | 2.524 | 0.0 | 47.737 | 3.048 | 0.0 | 43.946 | 2.033 | 0.0 | 47.438 | 2.433 |
| 11 | 8263 | 8264 | SN | 1 | 0.0 | 47.75 | 0.939 | 0.0 | 44.642 | 1.211 | 0.0 | 41.713 | 1.025 | 0.0 | 38.633 | 1.343 | 0.0 | 46.181 | 0.939 | 0.0 | 44.081 | 1.11 | 0.0 | 43.26 | 1.007 | 0.0 | 37.585 | 1.246 |
| 12 | 8263 | 8264 | NS | 1 | 0.0 | 43.681 | 1.695 | 0.0 | 44.232 | 2.112 | 0.0 | 43.256 | 1.376 | 0.0 | 43.485 | 1.73 | 0.0 | 45.047 | 1.698 | 0.0 | 45.694 | 2.028 | 0.0 | 43.45 | 1.377 | 0.0 | 45.039 | 1.765 |
| 13 | 8263 | 8264 | SN | 1 | 0.0 | 53.52 | 3.041 | 0.0 | 58.822 | 3.472 | 0.0 | 44.062 | 3.332 | 0.0 | 50.677 | 3.691 | 0.0 | 54.641 | 3.041 | 0.0 | 59.68 | 3.33 | 0.0 | 44.369 | 3.332 | 0.0 | 50.567 | 3.691 |
| 14 | 8263 | 8264 | SN | 1 | 0.0 | 47.75 | 0.926 | 0.0 | 44.642 | 1.196 | 0.0 | 41.713 | 1.011 | 0.0 | 38.633 | 1.326 | 0.0 | 46.181 | 0.926 | 0.0 | 44.081 | 1.096 | 0.0 | 43.26 | 0.993 | 0.0 | 37.585 | 1.23 |
| 15 | 8263 | 8264 | SN | 1 | 0.0 | 49.492 | 3.115 | 0.0 | 48.929 | 3.476 | 0.0 | 44.632 | 3.221 | 0.0 | 51.39 | 3.753 | 0.0 | 50.792 | 3.115 | 0.0 | 50.498 | 3.373 | 0.0 | 43.566 | 3.315 | 0.0 | 51.279 | 3.738 |
| 16 | 8263 | 8264 | SN | 1 | 0.0 | 53.52 | 3.085 | 0.0 | 58.822 | 3.517 | 0.0 | 44.062 | 3.379 | 0.0 | 50.677 | 3.738 | 0.0 | 54.641 | 3.085 | 0.0 | 59.68 | 3.373 | 0.0 | 44.369 | 3.379 | 0.0 | 50.567 | 3.738 |
| 17 | 8263 | 8264 | NS | 1 | 0.0 | 55.636 | 6.013 | 0.0 | 54.905 | 7.004 | 0.0 | 50.876 | 4.853 | 0.0 | 52.839 | 5.74 | 0.0 | 55.18 | 6.104 | 0.0 | 54.273 | 6.953 | 0.0 | 51.184 | 5.052 | 0.0 | 50.166 | 5.818 |
| 18 | 8263 | 8264 | NS | 1 | 0.0 | 53.254 | 5.983 | 0.0 | 51.586 | 6.943 | 0.0 | 50.899 | 4.853 | 0.0 | 52.839 | 5.776 | 0.0 | 54.177 | 6.043 | 0.0 | 52.768 | 6.923 | 0.0 | 51.206 | 5.045 | 0.0 | 50.166 | 5.84 |
| 19 | 8263 | 8264 | SN | 1 | 0.0 | 45.223 | 0.964 | 0.0 | 40.869 | 1.225 | 0.0 | 40.893 | 1.002 | 0.0 | 48.746 | 1.352 | 0.0 | 43.655 | 0.957 | 0.0 | 42.851 | 1.115 | 0.0 | 39.583 | 0.98 | 0.0 | 48.637 | 1.253 |
| 20 | 8263 | 8264 | NS | 1 | 0.0 | 43.681 | 1.698 | 0.0 | 44.232 | 2.098 | 0.0 | 43.304 | 1.393 | 0.0 | 43.485 | 1.726 | 0.0 | 45.047 | 1.7 | 0.0 | 45.694 | 2.028 | 0.0 | 43.497 | 1.386 | 0.0 | 44.497 | 1.758 |
| 21 | 8264 | 8265 | SN | 1 | 0.0 | 37.917 | 0.572 | 0.0 | 52.764 | 0.984 | 0.0 | 37.413 | 0.812 | 0.0 | 37.147 | 1.218 | 0.0 | 37.513 | 0.586 | 0.0 | 50.525 | 0.917 | 0.0 | 34.294 | 0.752 | 0.0 | 39.783 | 1.024 |
| 22 | 8264 | 8265 | SN | 1 | 0.0 | 37.337 | 1.991 | 0.0 | 54.994 | 2.78 | 0.0 | 37.225 | 2.356 | 0.0 | 39.78 | 3.302 | 0.0 | 36.298 | 1.98 | 0.0 | 52.57 | 2.522 | 0.0 | 34.9 | 2.212 | 0.0 | 37.324 | 3.128 |
| 23 | 8264 | 8265 | NS | 1 | 0.0 | 42.996 | 3.559 | 0.0 | 49.458 | 4.882 | 0.0 | 42.241 | 3.681 | 0.0 | 40.321 | 5.128 | 0.0 | 44.032 | 3.63 | 0.0 | 49.237 | 4.872 | 0.0 | 42.086 | 3.823 | 0.0 | 39.104 | 5.249 |
| 24 | 8264 | 8265 | SN | 1 | 0.0 | 37.337 | 1.946 | 0.0 | 42.659 | 2.721 | 0.0 | 37.225 | 2.316 | 0.0 | 39.78 | 3.271 | 0.0 | 36.298 | 1.946 | 0.0 | 42.828 | 2.467 | 0.0 | 34.9 | 2.16 | 0.0 | 37.324 | 3.093 |
| 25 | 8264 | 8265 | SN | 1 | 0.0 | 35.991 | 1.936 | 0.0 | 42.72 | 2.68 | 0.0 | 35.03 | 2.245 | 0.0 | 42.983 | 3.157 | 0.0 | 35.991 | 2.028 | 0.0 | 42.892 | 2.436 | 0.0 | 36.319 | 2.117 | 0.0 | 39.911 | 3.115 |
| 26 | 8264 | 8265 | SN | 1 | 0.0 | 32.92 | 0.553 | 0.0 | 40.152 | 0.945 | 0.0 | 37.36 | 0.823 | 0.0 | 40.573 | 1.221 | 0.0 | 34.203 | 0.569 | 0.0 | 37.301 | 0.891 | 0.0 | 35.499 | 0.761 | 0.0 | 41.887 | 1.021 |
| 27 | 8264 | 8265 | SN | 1 | 0.0 | 34.569 | 0.56 | 0.0 | 38.435 | 0.952 | 0.0 | 37.413 | 0.798 | 0.0 | 37.147 | 1.2 | 0.0 | 33.078 | 0.585 | 0.0 | 36.85 | 0.882 | 0.0 | 34.294 | 0.746 | 0.0 | 39.783 | 1.005 |
| 28 | 8264 | 8265 | NS | 1 | 0.0 | 42.352 | 1.059 | 0.0 | 46.654 | 1.436 | 0.0 | 36.956 | 1.062 | 0.0 | 38.884 | 1.563 | 0.0 | 43.092 | 1.097 | 0.0 | 45.702 | 1.447 | 0.0 | 36.591 | 1.106 | 0.0 | 41.659 | 1.589 |
| 29 | 8265 | 8266 | SN | 1 | 0.0 | 43.765 | 5.099 | 0.0 | 42.702 | 5.187 | 0.0 | 42.312 | 3.972 | 0.0 | 43.876 | 5.042 | 0.0 | 43.079 | 5.14 | 0.0 | 44.014 | 4.842 | 0.0 | 42.655 | 3.986 | 0.0 | 43.337 | 4.515 |
| 30 | 8265 | 8266 | NS | 1 | 0.0 | 48.763 | 5.342 | 0.0 | 49.637 | 6.488 | 0.0 | 44.521 | 3.835 | 0.0 | 45.005 | 5.301 | 0.0 | 48.946 | 5.402 | 0.0 | 51.541 | 6.153 | 0.0 | 44.997 | 3.835 | 0.0 | 43.322 | 5.052 |
| 31 | 8265 | 8266 | SN | 1 | 0.0 | 42.864 | 5.039 | 0.0 | 46.306 | 5.167 | 0.0 | 41.288 | 3.951 | 0.0 | 41.469 | 5.056 | 0.0 | 42.178 | 5.17 | 0.0 | 48.587 | 4.852 | 0.0 | 38.298 | 3.936 | 0.0 | 40.929 | 4.451 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 32 | 8265 | 8266 | NS | 1 | 0.0 | 59.174 | 5.506 | 0.0 | 54.232 | 6.516 | 0.0 | 43.627 | 4.043 | 0.0 | 43.437 | 4.986 | 0.0 | 61.112 | 5.607 | 0.0 | 54.991 | 6.334 | 0.0 | 45.356 | 4.142 | 0.0 | 42.319 | 4.893 |
| 33 | 8265 | 8266 | SN | 1 | 0.0 | 37.114 | 1.172 | 0.0 | 40.056 | 1.485 | 0.0 | 39.317 | 1.372 | 0.0 | 39.107 | 1.701 | 0.0 | 36.984 | 1.179 | 0.0 | 39.437 | 1.39 | 0.0 | 35.814 | 1.326 | 0.0 | 35.703 | 1.452 |
| 34 | 8265 | 8266 | SN | 1 | 0.0 | 37.114 | 1.147 | 0.0 | 40.056 | 1.449 | 0.0 | 36.141 | 1.349 | 0.0 | 39.107 | 1.665 | 0.0 | 36.984 | 1.151 | 0.0 | 39.437 | 1.352 | 0.0 | 35.214 | 1.305 | 0.0 | 35.703 | 1.42 |
| 35 | 8265 | 8266 | SN | 1 | 0.0 | 38.848 | 1.165 | 0.0 | 40.978 | 1.442 | 0.0 | 38.961 | 1.325 | 0.0 | 37.281 | 1.69 | 0.0 | 38.719 | 1.19 | 0.0 | 38.026 | 1.332 | 0.0 | 39.562 | 1.298 | 0.0 | 36.091 | 1.464 |
| 36 | 8265 | 8266 | NS | 1 | 0.0 | 48.514 | 1.345 | 0.0 | 46.524 | 1.723 | 0.0 | 47.808 | 1.093 | 0.0 | 43.013 | 1.48 | 0.0 | 48.524 | 1.352 | 0.0 | 48.391 | 1.696 | 0.0 | 47.713 | 1.097 | 0.0 | 40.827 | 1.444 |
| 37 | 8265 | 8266 | SN | 1 | 0.0 | 39.572 | 5.219 | 0.0 | 42.702 | 5.322 | 0.0 | 48.604 | 4.075 | 0.0 | 43.876 | 5.174 | 0.0 | 39.539 | 5.261 | 0.0 | 44.014 | 4.968 | 0.0 | 45.055 | 4.118 | 0.0 | 43.337 | 4.656 |
| 38 | 8265 | 8266 | NS | 1 | 0.0 | 47.917 | 1.294 | 0.0 | 49.804 | 1.759 | 0.0 | 44.934 | 1.088 | 0.0 | 41.825 | 1.566 | 0.0 | 48.119 | 1.312 | 0.0 | 50.161 | 1.723 | 0.0 | 43.188 | 1.087 | 0.0 | 40.055 | 1.484 |
| 39 | 8266 | 8267 | NS | 1 | 0.0 | 42.341 | 0.869 | 0.0 | 56.572 | 1.088 | 0.0 | 40.431 | 0.808 | 0.0 | 43.048 | 1.187 | 0.0 | 42.772 | 0.858 | 0.0 | 55.423 | 0.997 | 0.0 | 39.308 | 0.755 | 0.0 | 43.791 | 0.949 |
| 40 | 8266 | 8267 | SN | 1 | 0.0 | 49.003 | 3.105 | 0.0 | 44.92 | 3.502 | 0.0 | 38.483 | 3.372 | 0.0 | 38.223 | 4.378 | 0.0 | 48.961 | 3.158 | 0.0 | 47.207 | 3.324 | 0.0 | 39.296 | 3.217 | 0.0 | 35.897 | 3.693 |
| 41 | 8266 | 8267 | NS | 1 | 0.0 | 45.338 | 2.919 | 0.0 | 52.265 | 3.635 | 0.0 | 48.372 | 3.061 | 0.0 | 43.113 | 3.835 | 0.0 | 44.78 | 2.96 | 0.0 | 54.601 | 3.351 | 0.0 | 46.521 | 2.834 | 0.0 | 45.047 | 3.372 |
| 42 | 8266 | 8267 | NS | 1 | 0.0 | 46.999 | 2.848 | 0.0 | 51.817 | 3.665 | 0.0 | 48.416 | 2.983 | 0.0 | 45.612 | 3.892 | 0.0 | 48.545 | 2.909 | 0.0 | 54.154 | 3.381 | 0.0 | 46.566 | 2.806 | 0.0 | 43.351 | 3.401 |
| 43 | 8266 | 8267 | SN | 1 | 0.0 | 47.991 | 2.979 | 0.0 | 44.92 | 3.398 | 0.0 | 38.533 | 3.253 | 0.0 | 38.223 | 4.257 | 0.0 | 47.948 | 3.04 | 0.0 | 47.207 | 3.216 | 0.0 | 39.345 | 3.097 | 0.0 | 35.897 | 3.575 |
| 44 | 8266 | 8267 | SN | 1 | 0.0 | 47.991 | 2.979 | 0.0 | 44.92 | 3.398 | 0.0 | 38.533 | 3.253 | 0.0 | 38.223 | 4.257 | 0.0 | 47.948 | 3.04 | 0.0 | 47.207 | 3.216 | 0.0 | 39.345 | 3.097 | 0.0 | 35.897 | 3.575 |
| 45 | 8266 | 8267 | SN | 1 | 0.0 | 38.932 | 0.755 | 0.0 | 38.599 | 1.094 | 0.0 | 36.223 | 1.055 | 0.0 | 41.192 | 1.626 | 0.0 | 40.541 | 0.738 | 0.0 | 35.057 | 0.998 | 0.0 | 34.379 | 0.985 | 0.0 | 42.617 | 1.297 |
| 46 | 8266 | 8267 | NS | 1 | 0.0 | 42.397 | 0.896 | 0.0 | 56.662 | 1.086 | 0.0 | 40.222 | 0.796 | 0.0 | 43.562 | 1.194 | 0.0 | 42.825 | 0.889 | 0.0 | 55.512 | 1.002 | 0.0 | 39.101 | 0.739 | 0.0 | 40.973 | 0.966 |
| 47 | 8266 | 8267 | SN | 1 | 0.0 | 38.932 | 0.736 | 0.0 | 38.599 | 1.06 | 0.0 | 36.223 | 1.032 | 0.0 | 41.192 | 1.566 | 0.0 | 40.541 | 0.711 | 0.0 | 35.057 | 0.963 | 0.0 | 35.297 | 0.966 | 0.0 | 42.617 | 1.256 |
| 48 | 8266 | 8267 | SN | 1 | 0.0 | 38.932 | 0.736 | 0.0 | 38.599 | 1.06 | 0.0 | 36.223 | 1.032 | 0.0 | 41.192 | 1.566 | 0.0 | 40.541 | 0.711 | 0.0 | 35.057 | 0.963 | 0.0 | 35.297 | 0.966 | 0.0 | 42.617 | 1.256 |
| 49 | 8267 | 8268 | NS | 1 | 0.0 | 46.74 | 1.591 | 0.0 | 45.234 | 2.067 | 0.0 | 41.518 | 1.54 | 0.0 | 42.872 | 2.114 | 0.0 | 46.825 | 1.569 | 0.0 | 46.676 | 1.839 | 0.0 | 42.995 | 1.473 | 0.0 | 44.804 | 1.78 |
| 50 | 8267 | 8268 | NS | 1 | 0.0 | 43.977 | 1.536 | 0.0 | 49.08 | 1.996 | 0.0 | 41.661 | 1.445 | 0.0 | 43.939 | 2.173 | 0.0 | 45.982 | 1.509 | 0.0 | 50.679 | 1.853 | 0.0 | 40.61 | 1.375 | 0.0 | 41.343 | 1.88 |
| 51 | 8267 | 8268 | SN | 1 | 0.0 | 52.193 | 6.4 | 0.0 | 51.902 | 7.374 | 0.0 | 45.901 | 4.671 | 0.0 | 53.291 | 6.169 | 0.0 | 53.815 | 6.522 | 0.0 | 51.914 | 7.039 | 0.0 | 47.412 | 4.571 | 0.0 | 50.969 | 5.664 |
| 52 | 8267 | 8268 | SN | 1 | 0.0 | 43.622 | 1.491 | 0.0 | 46.28 | 1.95 | 0.0 | 38.745 | 1.378 | 0.0 | 45.654 | 1.949 | 0.0 | 43.066 | 1.513 | 0.0 | 48.415 | 1.844 | 0.0 | 38.198 | 1.341 | 0.0 | 43.615 | 1.722 |
| 53 | 8267 | 8268 | SN | 1 | 0.0 | 43.622 | 1.491 | 0.0 | 46.28 | 1.95 | 0.0 | 38.745 | 1.38 | 0.0 | 45.654 | 1.949 | 0.0 | 43.066 | 1.514 | 0.0 | 48.415 | 1.844 | 0.0 | 38.198 | 1.343 | 0.0 | 43.615 | 1.722 |
| 54 | 8267 | 8268 | SN | 1 | 0.0 | 52.193 | 6.4 | 0.0 | 51.902 | 7.374 | 0.0 | 45.901 | 4.671 | 0.0 | 53.291 | 6.169 | 0.0 | 53.815 | 6.522 | 0.0 | 51.914 | 7.039 | 0.0 | 47.412 | 4.571 | 0.0 | 50.969 | 5.664 |
| 55 | 8267 | 8268 | SN | 1 | 0.0 | 43.692 | 1.58 | 0.0 | 46.28 | 2.059 | 0.0 | 38.745 | 1.453 | 0.0 | 45.654 | 2.05 | 0.0 | 43.136 | 1.597 | 0.0 | 48.415 | 1.947 | 0.0 | 38.198 | 1.416 | 0.0 | 43.615 | 1.818 |
| 56 | 8267 | 8268 | NS | 1 | 0.0 | 50.949 | 5.249 | 0.0 | 50.807 | 6.033 | 0.0 | 48.881 | 5.338 | 0.0 | 46.938 | 6.639 | 0.0 | 51.405 | 5.199 | 0.0 | 53.252 | 5.708 | 0.0 | 50.032 | 5.118 | 0.0 | 44.524 | 6.049 |
| 57 | 8267 | 8268 | NS | 1 | 0.0 | 55.27 | 5.21 | 0.0 | 55.424 | 6.001 | 0.0 | 46.351 | 5.334 | 0.0 | 42.867 | 6.766 | 0.0 | 54.928 | 5.149 | 0.0 | 54.925 | 5.574 | 0.0 | 43.849 | 5.199 | 0.0 | 41.99 | 5.912 |
| 58 | 8267 | 8268 | SN | 1 | 0.0 | 52.193 | 6.857 | 0.0 | 51.902 | 7.778 | 0.0 | 45.901 | 4.943 | 0.0 | 53.291 | 6.474 | 0.0 | 53.815 | 6.965 | 0.0 | 51.914 | 7.435 | 0.0 | 47.412 | 4.83 | 0.0 | 50.969 | 5.941 |
| 59 | 8268 | 8269 | NS | 1 | 0.0 | 46.743 | 4.054 | 0.0 | 43.443 | 5.747 | 0.0 | 42.793 | 4.152 | 0.0 | 45.37 | 5.093 | 0.0 | 46.301 | 4.013 | 0.0 | 44.56 | 5.209 | 0.0 | 45.079 | 3.968 | 0.0 | 43.561 | 4.488 |
| 60 | 8268 | 8269 | SN | 1 | 0.0 | 51.264 | 7.743 | 0.0 | 61.942 | 9.366 | 0.0 | 47.838 | 6.146 | 0.0 | 45.624 | 6.76 | 0.0 | 51.456 | 7.831 | 0.0 | 65.128 | 9.015 | 0.0 | 48.98 | 5.969 | 0.0 | 47.527 | 6.49 |
| 61 | 8268 | 8269 | SN | 1 | 0.0 | 44.11 | 2.147 | 0.0 | 43.794 | 2.577 | 0.0 | 41.11 | 1.692 | 0.0 | 41.939 | 2.228 | 0.0 | 45.013 | 2.157 | 0.0 | 45.414 | 2.43 | 0.0 | 42.659 | 1.621 | 0.0 | 38.948 | 1.854 |
| 62 | 8268 | 8269 | NS | 1 | 0.0 | 38.664 | 0.927 | 0.0 | 46.8 | 1.414 | 0.0 | 41.325 | 1.27 | 0.0 | 42.864 | 1.732 | 0.0 | 38.971 | 0.914 | 0.0 | 47.184 | 1.23 | 0.0 | 44.539 | 1.197 | 0.0 | 39.657 | 1.43 |
| 63 | 8268 | 8269 | NS | 1 | 0.0 | 46.743 | 4.094 | 0.0 | 43.443 | 5.829 | 0.0 | 42.884 | 4.145 | 0.0 | 45.37 | 5.107 | 0.0 | 46.301 | 4.013 | 0.0 | 44.56 | 5.29 | 0.0 | 45.171 | 3.94 | 0.0 | 41.977 | 4.502 |
| 64 | 8268 | 8269 | SN | 1 | 0.0 | 51.264 | 7.189 | 0.0 | 61.942 | 8.704 | 0.0 | 47.839 | 5.651 | 0.0 | 44.195 | 6.319 | 0.0 | 51.456 | 7.27 | 0.0 | 65.128 | 8.329 | 0.0 | 48.982 | 5.494 | 0.0 | 45.152 | 6.035 |
| 65 | 8268 | 8269 | SN | 1 | 0.0 | 49.733 | 1.996 | 0.0 | 44.8 | 2.389 | 0.0 | 41.11 | 1.58 | 0.0 | 41.172 | 2.08 | 0.0 | 48.809 | 2.007 | 0.0 | 45.365 | 2.244 | 0.0 | 42.659 | 1.506 | 0.0 | 37.431 | 1.719 |
| 66 | 8268 | 8269 | SN | 1 | 0.0 | 44.11 | 1.985 | 0.0 | 43.794 | 2.387 | 0.0 | 41.11 | 1.557 | 0.0 | 41.939 | 2.067 | 0.0 | 45.013 | 1.994 | 0.0 | 45.414 | 2.249 | 0.0 | 42.659 | 1.491 | 0.0 | 38.948 | 1.723 |
| 67 | 8268 | 8269 | SN | 1 | 0.0 | 51.264 | 7.159 | 0.0 | 61.942 | 8.704 | 0.0 | 47.838 | 5.651 | 0.0 | 45.624 | 6.283 | 0.0 | 51.456 | 7.24 | 0.0 | 65.128 | 8.349 | 0.0 | 48.98 | 5.487 | 0.0 | 47.527 | 6.02 |

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

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|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 8268 | 8269 | NS | 1 | 0.0 | 38.67 | 0.939 | 0.0 | 46.8 | 1.407 | 0.0 | 41.37 | 1.258 | 0.0 | 40.918 | 1.743 | 0.0 | 38.979 | 0.914 | 0.0 | 47.184 | 1.224 | 0.0 | 44.582 | 1.192 | 0.0 | 39.665 | 1.437 |
| 69 | 8269 | 8270 | SN | 1 | 0.0 | 49.113 | 1.408 | 0.0 | 47.728 | 2.101 | 0.0 | 40.615 | 1.539 | 0.0 | 45.428 | 1.953 | 0.0 | 48.412 | 1.413 | 0.0 | 45.883 | 1.974 | 0.0 | 39.599 | 1.476 | 0.0 | 45.857 | 1.782 |
| 70 | 8269 | 8270 | SN | 1 | 0.0 | 49.113 | 1.294 | 0.0 | 47.728 | 1.932 | 0.0 | 40.615 | 1.413 | 0.0 | 45.428 | 1.838 | 0.0 | 48.412 | 1.297 | 0.0 | 45.883 | 1.81 | 0.0 | 39.599 | 1.354 | 0.0 | 45.857 | 1.656 |
| 71 | 8269 | 8270 | SN | 1 | 0.0 | 49.113 | 1.303 | 0.0 | 45.59 | 1.925 | 0.0 | 41.458 | 1.425 | 0.0 | 44.996 | 1.837 | 0.0 | 48.412 | 1.312 | 0.0 | 45.883 | 1.812 | 0.0 | 39.546 | 1.367 | 0.0 | 45.425 | 1.659 |
| 72 | 8269 | 8270 | NS | 1 | 0.0 | 48.622 | 0.399 | 0.0 | 46.733 | 0.724 | 0.0 | 37.21 | 0.609 | 0.0 | 44.122 | 1.046 | 0.0 | 49.11 | 0.402 | 0.0 | 48.32 | 0.633 | 0.0 | 37.101 | 0.583 | 0.0 | 44.485 | 0.917 |
| 73 | 8269 | 8270 | NS | 1 | 0.0 | 48.02 | 0.406 | 0.0 | 43.302 | 0.708 | 0.0 | 37.329 | 0.613 | 0.0 | 43.861 | 1.05 | 0.0 | 48.501 | 0.411 | 0.0 | 46.454 | 0.624 | 0.0 | 38.287 | 0.595 | 0.0 | 44.367 | 0.917 |
| 74 | 8269 | 8270 | SN | 1 | 0.0 | 51.314 | 5.508 | 0.0 | 55.452 | 6.81 | 0.0 | 50.927 | 5.083 | 0.0 | 51.579 | 6.295 | 0.0 | 52.698 | 5.653 | 0.0 | 56.492 | 6.509 | 0.0 | 46.925 | 5.005 | 0.0 | 47.068 | 5.927 |
| 75 | 8269 | 8270 | NS | 1 | 0.0 | 44.122 | 1.733 | 0.0 | 47.454 | 2.711 | 0.0 | 48.998 | 2.342 | 0.0 | 43.526 | 3.222 | 0.0 | 44.529 | 1.611 | 0.0 | 48.278 | 2.427 | 0.0 | 47.993 | 2.144 | 0.0 | 45.48 | 2.866 |
| 76 | 8269 | 8270 | NS | 1 | 0.0 | 44.108 | 1.743 | 0.0 | 47.437 | 2.711 | 0.0 | 50.191 | 2.357 | 0.0 | 43.4 | 3.208 | 0.0 | 44.514 | 1.621 | 0.0 | 48.262 | 2.427 | 0.0 | 49.184 | 2.151 | 0.0 | 45.354 | 2.781 |
| 77 | 8269 | 8270 | SN | 1 | 0.0 | 51.458 | 5.076 | 0.0 | 55.452 | 6.282 | 0.0 | 45.899 | 4.665 | 0.0 | 51.579 | 5.928 | 0.0 | 52.839 | 5.188 | 0.0 | 56.492 | 6.018 | 0.0 | 46.06 | 4.587 | 0.0 | 47.068 | 5.53 |
| 78 | 8269 | 8270 | SN | 1 | 0.0 | 51.314 | 5.056 | 0.0 | 55.452 | 6.312 | 0.0 | 50.927 | 4.651 | 0.0 | 51.579 | 5.943 | 0.0 | 52.698 | 5.188 | 0.0 | 56.492 | 6.018 | 0.0 | 46.925 | 4.58 | 0.0 | 47.068 | 5.559 |
| 79 | 8270 | 8271 | NS | 1 | 0.0 | 48.071 | 1.298 | 0.0 | 44.569 | 1.716 | 0.0 | 41.249 | 1.26 | 0.0 | 38.969 | 1.417 | 0.0 | 48.173 | 1.321 | 0.0 | 44.867 | 1.578 | 0.0 | 41.663 | 1.166 | 0.0 | 39.398 | 1.181 |
| 80 | 8270 | 8271 | NS | 1 | 0.0 | 50.898 | 4.633 | 0.0 | 52.754 | 6.0 | 0.0 | 42.088 | 4.483 | 0.0 | 48.553 | 5.007 | 0.0 | 51.084 | 4.836 | 0.0 | 51.347 | 5.736 | 0.0 | 42.186 | 4.163 | 0.0 | 44.969 | 4.709 |
| 81 | 8270 | 8271 | SN | 1 | 0.0 | 39.127 | 1.027 | 0.0 | 39.968 | 1.54 | 0.0 | 35.734 | 1.167 | 0.0 | 38.545 | 1.543 | 0.0 | 41.068 | 1.023 | 0.0 | 42.531 | 1.463 | 0.0 | 36.5 | 1.209 | 0.0 | 41.743 | 1.528 |
| 82 | 8270 | 8271 | SN | 1 | 0.0 | 39.718 | 3.518 | 0.0 | 45.002 | 4.761 | 0.0 | 38.355 | 3.616 | 0.0 | 39.869 | 4.722 | 0.0 | 41.172 | 3.528 | 0.0 | 42.11 | 4.477 | 0.0 | 39.343 | 3.574 | 0.0 | 38.597 | 4.807 |
| 83 | 8271 | 8272 | NS | 1 | 0.0 | 49.419 | 3.193 | 0.0 | 44.984 | 4.376 | 0.0 | 43.021 | 3.174 | 0.0 | 49.342 | 4.874 | 0.0 | 49.627 | 3.233 | 0.0 | 43.861 | 4.254 | 0.0 | 40.966 | 3.252 | 0.0 | 50.63 | 4.561 |
| 84 | 8271 | 8272 | NS | 1 | 0.0 | 46.343 | 1.013 | 0.0 | 46.555 | 1.398 | 0.0 | 38.895 | 1.065 | 0.0 | 49.472 | 1.707 | 0.0 | 45.623 | 1.006 | 0.0 | 48.758 | 1.339 | 0.0 | 39.198 | 1.028 | 0.0 | 49.498 | 1.54 |
| 85 | 8271 | 8272 | NS | 1 | 0.0 | 46.343 | 1.015 | 0.0 | 46.555 | 1.398 | 0.0 | 38.895 | 1.063 | 0.0 | 49.472 | 1.707 | 0.0 | 45.623 | 1.006 | 0.0 | 48.758 | 1.339 | 0.0 | 39.198 | 1.031 | 0.0 | 49.498 | 1.54 |
| 86 | 8271 | 8272 | NS | 1 | 0.0 | 49.419 | 3.183 | 0.0 | 44.984 | 4.376 | 0.0 | 43.021 | 3.16 | 0.0 | 49.342 | 4.881 | 0.0 | 49.627 | 3.233 | 0.0 | 43.861 | 4.254 | 0.0 | 40.966 | 3.245 | 0.0 | 50.63 | 4.561 |
| 87 | 8276 | 8277 | SN | 1 | 0.0 | 41.812 | 0.804 | 0.0 | 43.373 | 0.825 | 0.0 | 38.454 | 0.796 | 0.0 | 45.169 | 1.004 | 0.0 | 42.78 | 0.8 | 0.0 | 44.707 | 0.764 | 0.0 | 37.877 | 0.791 | 0.0 | 45.995 | 0.903 |
| 88 | 8276 | 8277 | SN | 1 | 0.0 | 41.812 | 0.811 | 0.0 | 43.373 | 0.823 | 0.0 | 43.101 | 0.809 | 0.0 | 45.169 | 1.013 | 0.0 | 42.78 | 0.8 | 0.0 | 44.707 | 0.762 | 0.0 | 40.549 | 0.796 | 0.0 | 45.995 | 0.91 |
| 89 | 8276 | 8277 | SN | 1 | 0.0 | 41.812 | 0.852 | 0.0 | 43.373 | 0.862 | 0.0 | 43.101 | 0.838 | 0.0 | 45.169 | 1.066 | 0.0 | 42.78 | 0.84 | 0.0 | 44.707 | 0.8 | 0.0 | 40.549 | 0.825 | 0.0 | 45.995 | 0.956 |
| 90 | 8276 | 8277 | SN | 1 | 0.0 | 49.26 | 2.799 | 0.0 | 52.861 | 3.014 | 0.0 | 41.831 | 2.772 | 0.0 | 45.749 | 3.298 | 0.0 | 49.868 | 2.738 | 0.0 | 54.633 | 2.75 | 0.0 | 41.95 | 2.751 | 0.0 | 45.917 | 2.865 |
| 91 | 8276 | 8277 | SN | 1 | 0.0 | 49.26 | 2.982 | 0.0 | 52.861 | 3.164 | 0.0 | 41.851 | 2.915 | 0.0 | 45.749 | 3.469 | 0.0 | 49.868 | 2.886 | 0.0 | 54.633 | 2.897 | 0.0 | 41.971 | 2.848 | 0.0 | 45.917 | 3.034 |
| 92 | 8276 | 8277 | SN | 1 | 0.0 | 49.26 | 2.819 | 0.0 | 52.861 | 3.024 | 0.0 | 41.851 | 2.808 | 0.0 | 45.749 | 3.298 | 0.0 | 49.868 | 2.738 | 0.0 | 54.633 | 2.76 | 0.0 | 41.971 | 2.737 | 0.0 | 45.917 | 2.872 |
| 93 | 8277 | 8278 | SN | 1 | 0.0 | 44.391 | 3.994 | 0.0 | 43.574 | 4.406 | 0.0 | 45.503 | 3.851 | 0.0 | 46.063 | 4.558 | 0.0 | 44.7 | 4.045 | 0.0 | 46.519 | 4.203 | 0.0 | 44.997 | 3.851 | 0.0 | 45.419 | 4.323 |
| 94 | 8277 | 8278 | SN | 1 | 0.0 | 44.19 | 4.043 | 0.0 | 45.457 | 4.516 | 0.0 | 44.28 | 3.962 | 0.0 | 46.056 | 4.641 | 0.0 | 44.77 | 4.167 | 0.0 | 46.275 | 4.289 | 0.0 | 44.267 | 3.976 | 0.0 | 45.403 | 4.431 |
| 95 | 8277 | 8278 | NS | 1 | 0.0 | 53.43 | 5.565 | 0.0 | 57.57 | 7.137 | 0.0 | 46.808 | 4.958 | 0.0 | 47.753 | 6.259 | 0.0 | 54.142 | 5.504 | 0.0 | 58.301 | 6.792 | 0.0 | 48.025 | 4.937 | 0.0 | 51.176 | 5.932 |
| 96 | 8277 | 8278 | SN | 1 | 0.0 | 44.19 | 3.974 | 0.0 | 45.457 | 4.436 | 0.0 | 44.28 | 3.887 | 0.0 | 46.056 | 4.565 | 0.0 | 44.77 | 4.096 | 0.0 | 46.275 | 4.213 | 0.0 | 44.267 | 3.901 | 0.0 | 45.403 | 4.352 |
| 97 | 8277 | 8278 | SN | 1 | 0.0 | 46.031 | 1.02 | 0.0 | 44.9 | 1.435 | 0.0 | 46.447 | 1.18 | 0.0 | 40.862 | 1.532 | 0.0 | 47.142 | 1.004 | 0.0 | 43.772 | 1.364 | 0.0 | 46.61 | 1.13 | 0.0 | 39.539 | 1.381 |
| 98 | 8277 | 8278 | NS | 1 | 0.0 | 47.496 | 1.58 | 0.0 | 46.591 | 2.225 | 0.0 | 42.202 | 1.368 | 0.0 | 44.192 | 2.062 | 0.0 | 47.673 | 1.58 | 0.0 | 46.689 | 2.042 | 0.0 | 38.526 | 1.315 | 0.0 | 41.244 | 1.783 |
| 99 | 8277 | 8278 | SN | 1 | 0.0 | 46.031 | 1.002 | 0.0 | 44.9 | 1.415 | 0.0 | 45.041 | 1.16 | 0.0 | 40.862 | 1.512 | 0.0 | 47.142 | 0.987 | 0.0 | 43.772 | 1.343 | 0.0 | 44.168 | 1.11 | 0.0 | 38.523 | 1.363 |
| 100 | 8277 | 8278 | SN | 1 | 0.0 | 47.276 | 1.021 | 0.0 | 44.063 | 1.413 | 0.0 | 43.44 | 1.161 | 0.0 | 42.75 | 1.504 | 0.0 | 48.385 | 1.016 | 0.0 | 42.937 | 1.329 | 0.0 | 43.105 | 1.137 | 0.0 | 42.202 | 1.399 |
| 101 | 8278 | 8279 | SN | 1 | 0.0 | 39.407 | 0.804 | 0.0 | 40.807 | 1.177 | 0.0 | 34.393 | 1.031 | 0.0 | 38.571 | 1.577 | 0.0 | 38.345 | 0.808 | 0.0 | 38.947 | 1.088 | 0.0 | 36.834 | 0.982 | 0.0 | 38.523 | 1.322 |
| 102 | 8278 | 8279 | SN | 1 | 0.0 | 43.568 | 0.815 | 0.0 | 45.848 | 1.17 | 0.0 | 38.701 | 1.018 | 0.0 | 39.328 | 1.591 | 0.0 | 42.788 | 0.774 | 0.0 | 47.14 | 1.111 | 0.0 | 39.423 | 0.977 | 0.0 | 38.968 | 1.329 |
| 103 | 8278 | 8279 | SN | 1 | 0.0 | 43.051 | 2.97 | 0.0 | 56.8 | 4.01 | 0.0 | 41.515 | 3.29 | 0.0 | 48.116 | 4.466 | 0.0 | 43.587 | 3.072 | 0.0 | 59.08 | 3.787 | 0.0 | 41.49 | 3.219 | 0.0 | 44.896 | 3.989 |

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

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|-----|------|------|----|---|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 8278 | 8279 | NS | 1 | 0.0 | 47.075 | 2.615 | 0.0 | 41.33 | 2.823 | 0.0 | 41.124 | 2.982 | 0.0 | 43.885 | 4.141 | 0.0 | 48.045 | 2.574 | 0.0 | 42.272 | 2.812 | 0.0 | 37.979 | 2.897 | 0.0 | 40.953 | 3.764 |
| 105 | 8278 | 8279 | SN | 1 | 0.0 | 43.051 | 3.013 | 0.0 | 56.8 | 4.062 | 0.0 | 41.515 | 3.329 | 0.0 | 48.116 | 4.524 | 0.0 | 43.587 | 3.116 | 0.0 | 59.08 | 3.835 | 0.0 | 41.49 | 3.257 | 0.0 | 44.896 | 4.041 |
| 106 | 8278 | 8279 | NS | 1 | 0.0 | 47.074 | 2.514 | 0.0 | 44.718 | 2.914 | 0.0 | 41.124 | 2.998 | 0.0 | 43.262 | 4.246 | 0.0 | 47.216 | 2.595 | 0.0 | 45.056 | 2.802 | 0.0 | 37.979 | 2.863 | 0.0 | 43.008 | 3.777 |
| 107 | 8278 | 8279 | SN | 1 | 0.0 | 39.407 | 0.793 | 0.0 | 40.807 | 1.162 | 0.0 | 34.393 | 1.016 | 0.0 | 38.571 | 1.559 | 0.0 | 38.345 | 0.797 | 0.0 | 38.947 | 1.074 | 0.0 | 36.834 | 0.968 | 0.0 | 38.523 | 1.305 |
| 108 | 8278 | 8279 | SN | 1 | 0.0 | 45.598 | 3.023 | 0.0 | 56.978 | 3.99 | 0.0 | 42.109 | 3.271 | 0.0 | 44.974 | 4.586 | 0.0 | 44.299 | 3.095 | 0.0 | 59.259 | 3.876 | 0.0 | 42.086 | 3.178 | 0.0 | 40.966 | 4.102 |
| 109 | 8278 | 8279 | NS | 1 | 0.0 | 43.997 | 0.686 | 0.0 | 39.583 | 0.909 | 0.0 | 40.828 | 1.003 | 0.0 | 39.288 | 1.339 | 0.0 | 44.21 | 0.7 | 0.0 | 40.508 | 0.828 | 0.0 | 37.358 | 0.961 | 0.0 | 37.405 | 1.193 |
| 110 | 8278 | 8279 | NS | 1 | 0.0 | 44.554 | 0.747 | 0.0 | 40.36 | 0.812 | 0.0 | 41.048 | 0.92 | 0.0 | 39.962 | 1.382 | 0.0 | 42.775 | 0.727 | 0.0 | 42.047 | 0.774 | 0.0 | 39.405 | 0.893 | 0.0 | 36.67 | 1.197 |
| 111 | 8279 | 8280 | NS | 1 | 0.0 | 43.667 | 1.767 | 0.0 | 44.993 | 2.343 | 0.0 | 42.397 | 1.866 | 0.0 | 43.616 | 2.558 | 0.0 | 41.911 | 1.801 | 0.0 | 42.841 | 2.242 | 0.0 | 43.188 | 1.916 | 0.0 | 44.259 | 2.471 |
| 112 | 8279 | 8280 | NS | 1 | 0.0 | 46.989 | 5.706 | 0.0 | 48.362 | 7.381 | 0.0 | 44.742 | 5.751 | 0.0 | 44.252 | 7.4 | 0.0 | 46.938 | 5.798 | 0.0 | 47.48 | 7.321 | 0.0 | 46.705 | 6.099 | 0.0 | 42.227 | 7.599 |
| 113 | 8279 | 8280 | SN | 1 | 0.0 | 49.014 | 1.045 | 0.0 | 40.624 | 1.27 | 0.0 | 39.246 | 1.181 | 0.0 | 40.64 | 1.742 | 0.0 | 49.199 | 1.034 | 0.0 | 38.851 | 1.204 | 0.0 | 36.822 | 1.156 | 0.0 | 37.96 | 1.538 |
| 114 | 8279 | 8280 | SN | 1 | 0.0 | 49.014 | 1.057 | 0.0 | 40.624 | 1.294 | 0.0 | 37.255 | 1.205 | 0.0 | 40.64 | 1.785 | 0.0 | 49.199 | 1.055 | 0.0 | 38.851 | 1.23 | 0.0 | 36.907 | 1.185 | 0.0 | 37.96 | 1.566 |
| 115 | 8279 | 8280 | SN | 1 | 0.0 | 49.014 | 1.045 | 0.0 | 40.624 | 1.27 | 0.0 | 39.246 | 1.181 | 0.0 | 40.64 | 1.742 | 0.0 | 49.199 | 1.034 | 0.0 | 38.851 | 1.204 | 0.0 | 36.822 | 1.156 | 0.0 | 37.96 | 1.538 |
| 116 | 8279 | 8280 | NS | 1 | 0.0 | 45.562 | 1.753 | 0.0 | 45.267 | 2.343 | 0.0 | 42.397 | 1.804 | 0.0 | 43.616 | 2.54 | 0.0 | 43.806 | 1.762 | 0.0 | 43.116 | 2.253 | 0.0 | 43.188 | 1.871 | 0.0 | 44.259 | 2.482 |
| 117 | 8279 | 8280 | NS | 1 | 0.0 | 45.279 | 5.696 | 0.0 | 48.362 | 7.442 | 0.0 | 41.062 | 5.786 | 0.0 | 44.371 | 7.528 | 0.0 | 46.715 | 5.798 | 0.0 | 47.343 | 7.26 | 0.0 | 41.602 | 6.07 | 0.0 | 42.346 | 7.663 |
| 118 | 8279 | 8280 | SN | 1 | 0.0 | 38.952 | 4.054 | 0.0 | 43.655 | 4.649 | 0.0 | 37.555 | 3.581 | 0.0 | 41.568 | 4.977 | 0.0 | 39.487 | 4.034 | 0.0 | 45.209 | 4.556 | 0.0 | 38.712 | 3.661 | 0.0 | 43.519 | 4.636 |
| 119 | 8279 | 8280 | SN | 1 | 0.0 | 42.066 | 4.013 | 0.0 | 43.681 | 4.535 | 0.0 | 40.669 | 3.53 | 0.0 | 41.568 | 4.861 | 0.0 | 41.675 | 4.013 | 0.0 | 45.234 | 4.494 | 0.0 | 38.141 | 3.622 | 0.0 | 43.519 | 4.548 |
| 120 | 8279 | 8280 | SN | 1 | 0.0 | 42.066 | 4.013 | 0.0 | 43.681 | 4.535 | 0.0 | 40.669 | 3.53 | 0.0 | 41.568 | 4.861 | 0.0 | 41.675 | 4.013 | 0.0 | 45.234 | 4.494 | 0.0 | 38.141 | 3.622 | 0.0 | 43.519 | 4.548 |
| 121 | 8280 | 8281 | NS | 1 | 0.0 | 48.296 | 0.837 | 0.0 | 43.952 | 1.093 | 0.0 | 44.954 | 0.879 | 0.0 | 40.103 | 1.175 | 0.0 | 49.025 | 0.835 | 0.0 | 42.273 | 1.023 | 0.0 | 43.092 | 0.795 | 0.0 | 39.916 | 1.038 |
| 122 | 8280 | 8281 | SN | 1 | 0.0 | 41.194 | 0.804 | 0.0 | 48.396 | 1.155 | 0.0 | 36.738 | 1.115 | 0.0 | 40.909 | 1.554 | 0.0 | 39.757 | 0.801 | 0.0 | 46.003 | 1.01 | 0.0 | 35.308 | 1.051 | 0.0 | 40.274 | 1.286 |
| 123 | 8280 | 8281 | NS | 1 | 0.0 | 53.113 | 3.689 | 0.0 | 53.803 | 4.203 | 0.0 | 50.203 | 3.287 | 0.0 | 47.403 | 4.048 | 0.0 | 54.059 | 3.649 | 0.0 | 53.258 | 4.071 | 0.0 | 49.54 | 3.081 | 0.0 | 43.34 | 3.358 |
| 124 | 8280 | 8281 | SN | 1 | 0.0 | 41.194 | 0.799 | 0.0 | 48.396 | 1.164 | 0.0 | 36.738 | 1.124 | 0.0 | 40.909 | 1.545 | 0.0 | 39.757 | 0.792 | 0.0 | 46.003 | 1.015 | 0.0 | 35.308 | 1.053 | 0.0 | 40.274 | 1.282 |
| 125 | 8280 | 8281 | NS | 1 | 0.0 | 48.769 | 3.525 | 0.0 | 53.424 | 4.337 | 0.0 | 44.504 | 3.35 | 0.0 | 47.465 | 4.127 | 0.0 | 49.697 | 3.515 | 0.0 | 53.82 | 4.022 | 0.0 | 43.513 | 3.137 | 0.0 | 46.987 | 3.544 |
| 126 | 8280 | 8281 | SN | 1 | 0.0 | 39.606 | 2.824 | 1.258 | 41.822 | 3.443 | 0.0 | 39.486 | 3.197 | 0.0 | 42.826 | 4.472 | 0.0 | 41.455 | 2.793 | 0.629 | 40.173 | 3.013 | 0.0 | 37.232 | 3.161 | 0.0 | 39.934 | 3.886 |
| 127 | 8280 | 8281 | SN | 1 | 0.0 | 41.194 | 0.834 | 0.0 | 48.396 | 1.199 | 0.0 | 36.738 | 1.149 | 0.0 | 40.909 | 1.588 | 0.0 | 39.757 | 0.836 | 0.0 | 46.003 | 1.047 | 0.0 | 35.785 | 1.087 | 0.0 | 40.274 | 1.316 |
| 128 | 8280 | 8281 | NS | 1 | 0.0 | 52.827 | 0.788 | 0.0 | 53.857 | 1.036 | 0.0 | 42.624 | 0.884 | 0.0 | 45.889 | 1.183 | 0.0 | 55.198 | 0.792 | 0.0 | 52.485 | 0.939 | 0.0 | 40.926 | 0.838 | 0.0 | 39.775 | 1.046 |
| 129 | 8280 | 8281 | SN | 1 | 0.0 | 39.905 | 2.777 | 1.258 | 41.822 | 3.348 | 0.0 | 39.903 | 3.111 | 0.0 | 42.826 | 4.356 | 0.0 | 41.752 | 2.746 | 0.629 | 40.173 | 2.922 | 0.0 | 39.135 | 3.061 | 0.0 | 39.934 | 3.774 |
| 130 | 8280 | 8281 | SN | 1 | 0.0 | 39.905 | 2.777 | 1.256 | 41.822 | 3.378 | 0.0 | 39.903 | 3.104 | 0.0 | 42.779 | 4.335 | 0.0 | 41.752 | 2.736 | 0.629 | 40.173 | 2.912 | 0.0 | 39.135 | 3.076 | 0.0 | 39.889 | 3.745 |
| 131 | 8281 | 8282 | NS | 1 | 0.0 | 55.414 | 1.403 | 0.0 | 48.737 | 1.53 | 0.0 | 40.763 | 1.228 | 0.0 | 41.809 | 1.704 | 0.0 | 54.52 | 1.414 | 0.0 | 49.223 | 1.373 | 0.0 | 41.926 | 1.128 | 0.0 | 42.353 | 1.397 |
| 132 | 8281 | 8282 | NS | 1 | 0.0 | 52.227 | 5.169 | 0.0 | 51.362 | 5.422 | 0.0 | 47.986 | 4.707 | 0.0 | 48.297 | 5.649 | 0.0 | 52.158 | 5.067 | 0.0 | 52.494 | 5.097 | 0.0 | 47.634 | 4.381 | 0.0 | 47.456 | 4.795 |
| 133 | 8281 | 8282 | NS | 1 | 0.0 | 55.652 | 4.781 | 0.0 | 47.425 | 5.312 | 0.0 | 45.763 | 4.684 | 0.0 | 41.871 | 5.479 | 0.0 | 55.837 | 4.669 | 0.0 | 47.975 | 4.956 | 0.0 | 46.749 | 4.471 | 0.0 | 41.253 | 4.718 |
| 134 | 8281 | 8282 | SN | 1 | 0.0 | 47.312 | 5.316 | 0.291 | 46.368 | 5.793 | 0.0 | 45.025 | 4.55 | 0.0 | 44.362 | 5.643 | 0.0 | 48.131 | 5.245 | 0.825 | 44.446 | 5.448 | 0.0 | 44.707 | 4.607 | 0.0 | 43.505 | 5.387 |
| 135 | 8281 | 8282 | SN | 1 | 0.0 | 47.337 | 5.296 | 0.291 | 46.37 | 5.762 | 0.0 | 45.029 | 4.621 | 0.0 | 41.707 | 5.664 | 0.0 | 48.153 | 5.215 | 0.825 | 45.077 | 5.428 | 0.0 | 44.71 | 4.629 | 0.0 | 43.518 | 5.373 |
| 136 | 8281 | 8282 | SN | 1 | 0.0 | 39.592 | 1.174 | 0.0 | 46.899 | 1.517 | 0.0 | 35.411 | 1.53 | 0.0 | 41.161 | 1.927 | 0.0 | 40.578 | 1.165 | 0.0 | 47.014 | 1.435 | 0.0 | 39.235 | 1.477 | 0.0 | 41.055 | 1.806 |
| 137 | 8281 | 8282 | NS | 1 | 0.0 | 46.569 | 1.422 | 0.0 | 48.871 | 1.45 | 0.0 | 40.629 | 1.253 | 0.0 | 43.288 | 1.743 | 0.0 | 47.488 | 1.435 | 0.0 | 49.31 | 1.298 | 0.0 | 42.327 | 1.15 | 0.0 | 42.144 | 1.421 |
| 138 | 8281 | 8282 | SN | 1 | 0.0 | 39.592 | 1.168 | 0.0 | 46.899 | 1.512 | 0.0 | 35.411 | 1.521 | 0.0 | 41.161 | 1.919 | 0.0 | 40.578 | 1.159 | 0.0 | 47.014 | 1.43 | 0.0 | 39.235 | 1.466 | 0.0 | 41.055 | 1.799 |
| 139 | 8281 | 8282 | SN | 1 | 0.0 | 39.592 | 1.17 | 0.0 | 46.899 | 1.514 | 0.0 | 35.346 | 1.54 | 0.0 | 39.399 | 1.923 | 0.0 | 40.578 | 1.17 | 0.0 | 47.016 | 1.43 | 0.0 | 39.169 | 1.48 | 0.0 | 41.057 | 1.816 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-------|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|
| 140 | 8281 | 8282 | SN | 1 | 0.0 | 47.337 | 5.322 | 0.291 | 46.37 | 5.792 | 0.0 | 45.029 | 4.645 | 0.0 | 41.707 | 5.693 | 0.0 | 48.153 | 5.24 | 0.825 | 45.077 | 5.455 | 0.0 | 44.71 | 4.652 | 0.0 | 43.518 | 5.4 |
| 141 | 8282 | 8283 | NS | 1 | 0.444 | 52.802 | 6.008 | 0.0 | 51.333 | 6.873 | 0.0 | 42.683 | 5.258 | 0.0 | 44.416 | 6.38 | 0.167 | 53.532 | 6.059 | 0.0 | 51.596 | 6.579 | 0.0 | 44.157 | 5.144 | 0.0 | 43.191 | 5.868 |
| 142 | 8282 | 8283 | SN | 1 | 0.0 | 47.819 | 5.961 | 0.0 | 49.131 | 6.912 | 0.0 | 42.764 | 4.978 | 0.0 | 44.43 | 6.47 | 0.0 | 48.529 | 5.94 | 0.0 | 49.389 | 6.306 | 0.0 | 42.96 | 4.872 | 0.0 | 45.243 | 5.749 |
| 143 | 8282 | 8283 | SN | 1 | 0.0 | 49.866 | 5.76 | 0.0 | 47.527 | 6.575 | 0.0 | 44.585 | 4.713 | 0.0 | 47.87 | 6.206 | 0.0 | 50.2 | 5.72 | 0.0 | 47.509 | 5.885 | 0.0 | 46.82 | 4.656 | 0.0 | 45.579 | 5.481 |
| 144 | 8282 | 8283 | NS | 1 | 0.0 | 43.158 | 1.574 | 0.0 | 43.678 | 1.99 | 0.0 | 43.078 | 1.679 | 0.0 | 49.144 | 2.184 | 0.0 | 43.176 | 1.542 | 0.0 | 43.625 | 1.845 | 0.0 | 43.4 | 1.588 | 0.0 | 47.945 | 1.879 |
| 145 | 8282 | 8283 | SN | 1 | 0.0 | 47.245 | 5.618 | 0.0 | 49.131 | 6.504 | 0.0 | 42.764 | 4.72 | 0.0 | 44.284 | 6.127 | 0.0 | 48.529 | 5.547 | 0.0 | 49.389 | 5.926 | 0.0 | 42.96 | 4.599 | 0.0 | 45.243 | 5.409 |
| 146 | 8282 | 8283 | NS | 1 | 0.0 | 42.634 | 1.518 | 0.0 | 45.019 | 1.986 | 0.0 | 43.67 | 1.637 | 0.0 | 43.266 | 2.202 | 0.0 | 43.518 | 1.527 | 0.0 | 44.903 | 1.809 | 0.0 | 42.028 | 1.532 | 0.0 | 43.55 | 1.902 |
| 147 | 8282 | 8283 | SN | 1 | 0.0 | 49.089 | 1.572 | 0.0 | 52.183 | 1.917 | 0.0 | 41.404 | 1.382 | 0.0 | 42.693 | 1.822 | 0.0 | 49.453 | 1.542 | 0.0 | 51.172 | 1.783 | 0.0 | 43.324 | 1.293 | 0.0 | 41.977 | 1.558 |
| 148 | 8282 | 8283 | SN | 1 | 0.0 | 48.517 | 1.683 | 0.0 | 53.248 | 2.034 | 0.0 | 37.385 | 1.43 | 0.0 | 45.339 | 1.935 | 0.0 | 48.883 | 1.661 | 0.0 | 52.239 | 1.899 | 0.0 | 38.774 | 1.336 | 0.0 | 43.175 | 1.668 |
| 149 | 8282 | 8283 | NS | 1 | 0.0 | 51.026 | 6.424 | 0.0 | 56.148 | 7.158 | 0.0 | 50.254 | 5.217 | 0.0 | 42.168 | 6.515 | 0.0 | 52.52 | 6.444 | 0.0 | 54.756 | 6.569 | 0.0 | 52.619 | 5.181 | 0.0 | 43.375 | 6.06 |
| 150 | 8282 | 8283 | SN | 1 | 0.0 | 48.517 | 1.574 | 0.0 | 53.248 | 1.908 | 0.0 | 37.385 | 1.346 | 0.0 | 45.339 | 1.824 | 0.0 | 48.883 | 1.554 | 0.0 | 52.239 | 1.779 | 0.0 | 38.774 | 1.258 | 0.0 | 43.175 | 1.567 |
| 151 | 8283 | 8284 | SN | 1 | 0.0 | 47.208 | 2.405 | 0.0 | 47.122 | 2.928 | 0.0 | 40.522 | 1.74 | 0.0 | 45.333 | 2.357 | 0.0 | 47.684 | 2.419 | 0.0 | 46.021 | 2.804 | 0.0 | 41.594 | 1.662 | 0.0 | 49.03 | 2.108 |
| 152 | 8283 | 8284 | NS | 1 | 0.0 | 44.756 | 3.688 | 0.0 | 46.806 | 5.077 | 0.0 | 39.031 | 3.499 | 0.0 | 40.883 | 4.716 | 0.0 | 43.681 | 3.607 | 0.0 | 47.466 | 4.721 | 0.0 | 40.39 | 3.343 | 0.0 | 41.249 | 3.997 |
| 153 | 8283 | 8284 | SN | 1 | 0.0 | 53.18 | 8.58 | 0.0 | 55.65 | 9.285 | 0.0 | 47.077 | 6.099 | 0.0 | 47.485 | 7.528 | 0.0 | 52.486 | 8.763 | 0.0 | 58.064 | 9.163 | 0.0 | 46.336 | 6.071 | 0.0 | 47.432 | 6.973 |
| 154 | 8283 | 8284 | SN | 1 | 0.0 | 47.208 | 2.261 | 0.0 | 47.122 | 2.753 | 0.0 | 40.522 | 1.637 | 0.0 | 45.333 | 2.255 | 0.0 | 47.684 | 2.272 | 0.0 | 46.021 | 2.638 | 0.0 | 41.594 | 1.561 | 0.0 | 49.03 | 1.993 |
| 155 | 8283 | 8284 | SN | 1 | 0.0 | 53.18 | 9.113 | 0.0 | 55.65 | 9.81 | 0.0 | 47.077 | 6.498 | 0.0 | 47.485 | 7.935 | 0.0 | 52.486 | 9.341 | 0.0 | 58.064 | 9.68 | 0.0 | 46.336 | 6.49 | 0.0 | 47.432 | 7.387 |
| 156 | 8283 | 8284 | SN | 1 | 0.0 | 52.578 | 2.231 | 0.0 | 48.794 | 2.757 | 0.0 | 41.467 | 1.627 | 0.0 | 45.333 | 2.266 | 0.0 | 51.884 | 2.27 | 0.0 | 51.512 | 2.653 | 0.0 | 41.594 | 1.552 | 0.0 | 49.03 | 1.998 |
| 157 | 8283 | 8284 | NS | 1 | 0.0 | 35.238 | 0.896 | 0.0 | 48.249 | 1.359 | 0.0 | 40.307 | 1.042 | 0.0 | 39.619 | 1.407 | 0.0 | 34.844 | 0.857 | 0.0 | 46.639 | 1.221 | 0.0 | 39.719 | 0.953 | 0.0 | 40.677 | 1.22 |
| 158 | 8283 | 8284 | SN | 1 | 0.0 | 54.871 | 8.6 | 0.0 | 55.65 | 9.244 | 0.0 | 50.353 | 6.085 | 0.0 | 47.47 | 7.556 | 0.0 | 56.054 | 8.803 | 0.0 | 58.064 | 9.153 | 0.0 | 51.496 | 6.078 | 0.0 | 47.432 | 6.98 |
| 159 | 8284 | 8285 | SN | 1 | 0.0 | 46.781 | 2.373 | 0.0 | 48.916 | 2.88 | 0.0 | 43.587 | 1.977 | 0.0 | 41.69 | 2.727 | 0.0 | 46.912 | 2.396 | 0.0 | 50.056 | 2.867 | 0.0 | 42.697 | 1.968 | 0.0 | 40.287 | 2.688 |
| 160 | 8284 | 8285 | SN | 1 | 0.0 | 50.418 | 8.384 | 0.0 | 52.402 | 8.994 | 0.0 | 42.788 | 6.708 | 0.0 | 50.036 | 8.028 | 0.0 | 49.775 | 8.384 | 0.0 | 52.689 | 9.075 | 0.0 | 42.212 | 7.021 | 0.0 | 50.907 | 8.192 |
| 161 | 8284 | 8285 | NS | 1 | 0.0 | 45.964 | 3.001 | 0.0 | 44.645 | 4.071 | 0.0 | 38.466 | 2.458 | 0.0 | 45.921 | 3.549 | 0.0 | 46.474 | 3.001 | 0.0 | 44.377 | 3.635 | 0.0 | 38.233 | 2.366 | 0.0 | 45.545 | 3.08 |
| 162 | 8284 | 8285 | NS | 1 | 0.0 | 45.941 | 2.99 | 0.0 | 44.645 | 4.061 | 0.0 | 38.466 | 2.458 | 0.0 | 45.921 | 3.549 | 0.0 | 46.45 | 3.001 | 0.0 | 44.377 | 3.614 | 0.0 | 38.233 | 2.352 | 0.0 | 45.55 | 3.094 |
| 163 | 8284 | 8285 | NS | 1 | 0.0 | 41.603 | 0.697 | 0.0 | 45.094 | 1.081 | 0.0 | 36.132 | 0.697 | 0.0 | 46.735 | 1.17 | 0.0 | 42.178 | 0.713 | 0.0 | 42.332 | 1.004 | 0.0 | 35.208 | 0.647 | 0.0 | 47.812 | 1.073 |
| 164 | 8284 | 8285 | NS | 1 | 0.0 | 41.603 | 0.695 | 0.0 | 45.094 | 1.081 | 0.0 | 36.132 | 0.693 | 0.0 | 46.735 | 1.172 | 0.0 | 42.178 | 0.709 | 0.0 | 42.333 | 1.004 | 0.0 | 35.208 | 0.647 | 0.0 | 47.812 | 1.076 |
| 165 | 8285 | 8286 | NS | 1 | 0.0 | 51.336 | 1.302 | 0.0 | 48.808 | 1.705 | 0.0 | 46.515 | 1.384 | 0.0 | 51.363 | 1.723 | 0.0 | 50.618 | 1.3 | 0.0 | 49.307 | 1.66 | 0.0 | 46.823 | 1.324 | 0.0 | 50.184 | 1.569 |
| 166 | 8285 | 8286 | NS | 1 | 0.0 | 52.459 | 4.621 | 0.0 | 56.698 | 6.021 | 0.0 | 52.479 | 4.458 | 0.0 | 47.313 | 5.258 | 0.0 | 53.566 | 4.672 | 0.0 | 52.899 | 5.798 | 0.0 | 49.91 | 4.387 | 0.0 | 48.508 | 4.945 |
| 167 | 8285 | 8286 | SN | 1 | 0.0 | 46.993 | 3.75 | 0.0 | 40.372 | 4.261 | 0.0 | 38.069 | 3.687 | 0.0 | 37.991 | 4.15 | 0.0 | 45.668 | 3.73 | 0.0 | 41.408 | 3.713 | 0.0 | 40.392 | 3.523 | 0.0 | 38.633 | 3.646 |
| 168 | 8285 | 8286 | NS | 1 | 0.0 | 52.459 | 4.611 | 0.0 | 56.698 | 6.031 | 0.0 | 52.479 | 4.444 | 0.0 | 47.313 | 5.229 | 0.0 | 53.566 | 4.652 | 0.0 | 52.899 | 5.777 | 0.0 | 49.91 | 4.38 | 0.0 | 48.508 | 4.924 |
| 169 | 8285 | 8286 | NS | 1 | 0.0 | 51.336 | 1.3 | 0.0 | 48.847 | 1.701 | 0.0 | 46.515 | 1.384 | 0.0 | 51.458 | 1.73 | 0.0 | 50.618 | 1.291 | 0.0 | 49.307 | 1.649 | 0.0 | 46.823 | 1.331 | 0.0 | 50.279 | 1.574 |
| 170 | 8285 | 8286 | SN | 1 | 0.0 | 44.745 | 0.797 | 0.0 | 39.82 | 1.079 | 0.0 | 39.413 | 1.108 | 0.0 | 37.123 | 1.454 | 0.0 | 44.759 | 0.81 | 0.0 | 38.761 | 0.968 | 0.0 | 36.721 | 1.078 | 0.0 | 37.622 | 1.192 |
| 171 | 8286 | 8287 | NS | 1 | 0.0 | 46.299 | 3.942 | 0.0 | 47.278 | 5.31 | 0.0 | 44.206 | 3.471 | 0.0 | 41.494 | 4.703 | 0.0 | 46.95 | 4.124 | 0.0 | 48.757 | 5.28 | 0.0 | 43.977 | 3.471 | 0.0 | 41.798 | 4.255 |
| 172 | 8286 | 8287 | NS | 1 | 0.0 | 40.909 | 1.018 | 0.0 | 44.526 | 1.5 | 0.0 | 38.256 | 1.162 | 0.0 | 42.037 | 1.57 | 0.0 | 40.57 | 1.045 | 0.0 | 45.539 | 1.477 | 0.0 | 40.13 | 1.113 | 0.0 | 45.493 | 1.464 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| 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 | 8262 | 8263 | NS | 1 | 0.0 | 252.366 | 5.787 | 0.0 | 24.266 | 7.0 | 0.0 | 220.702 | 2.305 | 0.0 | 55.371 | 3.372 | 0.0 | 1.414 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.122 | 0.0 |
| 2 | 8262 | 8263 | NS | 1 | 0.0 | 270.905 | 10.468 | 0.0 | 32.748 | 14.461 | 0.0 | 228.721 | 10.434 | 0.0 | 81.076 | 12.917 | 0.0 | 1.395 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.819 | 0.0 | 0.0 | 2.117 | 0.0 |
| 3 | 8262 | 8263 | NS | 1 | 0.0 | 270.905 | 10.515 | 0.0 | 32.748 | 14.466 | 0.0 | 271.685 | 10.417 | 0.0 | 76.802 | 12.96 | 0.0 | 1.395 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.123 | 0.0 |
| 4 | 8262 | 8263 | SN | 1 | 0.0 | 22.838 | 6.334 | 0.0 | 69.166 | 7.737 | 0.0 | 148.651 | 2.888 | 0.0 | 88.066 | 3.141 | 0.0 | 1.43 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 5 | 8262 | 8263 | SN | 1 | 0.0 | 22.838 | 6.242 | 0.0 | 69.166 | 7.7 | 0.0 | 148.651 | 2.815 | 0.0 | 88.066 | 3.226 | 0.0 | 1.43 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 6 | 8262 | 8263 | SN | 1 | 0.0 | 22.838 | 6.242 | 0.0 | 189.782 | 7.704 | 0.0 | 156.273 | 2.811 | 0.0 | 88.066 | 3.228 | 0.0 | 1.432 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 7 | 8262 | 8263 | SN | 1 | 0.0 | 30.796 | 12.887 | 0.0 | 157.004 | 12.813 | 0.0 | 138.498 | 10.569 | 0.0 | 125.673 | 13.42 | 0.0 | 1.434 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.143 | 0.0 |
| 8 | 8262 | 8263 | SN | 1 | 0.0 | 30.796 | 12.908 | 0.0 | 83.88 | 12.823 | 0.0 | 143.02 | 10.569 | 0.0 | 125.673 | 13.42 | 0.0 | 1.434 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.143 | 0.0 |
| 9 | 8262 | 8263 | SN | 1 | 0.0 | 30.796 | 12.919 | 0.0 | 157.004 | 12.616 | 0.0 | 138.498 | 10.806 | 0.0 | 125.673 | 13.021 | 0.0 | 1.434 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.143 | 0.0 |
| 10 | 8262 | 8263 | NS | 1 | 0.0 | 165.712 | 5.796 | 0.0 | 24.249 | 6.998 | 0.0 | 353.128 | 2.299 | 0.0 | 48.587 | 3.358 | 0.0 | 1.414 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.122 | 0.0 |
| 11 | 8263 | 8264 | SN | 1 | 0.0 | 22.816 | 6.318 | 0.0 | 24.597 | 7.732 | 0.0 | 145.894 | 2.871 | 0.0 | 12.911 | 3.174 | 0.0 | 1.428 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.141 | 0.0 |
| 12 | 8263 | 8264 | NS | 1 | 0.0 | 44.862 | 5.792 | 0.0 | 24.255 | 6.969 | 0.0 | 353.321 | 2.296 | 0.0 | 63.423 | 3.317 | 0.0 | 1.413 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.122 | 0.0 |
| 13 | 8263 | 8264 | SN | 1 | 0.0 | 31.072 | 12.987 | 0.0 | 23.797 | 12.863 | 0.0 | 149.208 | 10.707 | 0.0 | 66.279 | 13.454 | 0.0 | 1.435 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.142 | 0.0 |
| 14 | 8263 | 8264 | SN | 1 | 0.0 | 22.816 | 6.263 | 0.0 | 24.597 | 7.713 | 0.0 | 145.894 | 2.83 | 0.0 | 41.192 | 3.245 | 0.0 | 1.428 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.141 | 0.0 |
| 15 | 8263 | 8264 | SN | 1 | 0.0 | 31.072 | 12.996 | 0.0 | 23.797 | 12.751 | 0.0 | 149.208 | 10.83 | 0.0 | 19.689 | 13.275 | 0.0 | 1.435 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.142 | 0.0 |
| 16 | 8263 | 8264 | SN | 1 | 0.0 | 31.072 | 12.996 | 0.0 | 23.797 | 12.751 | 0.0 | 149.208 | 10.83 | 0.0 | 19.689 | 13.275 | 0.0 | 1.435 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.142 | 0.0 |
| 17 | 8263 | 8264 | NS | 1 | 0.0 | 40.014 | 10.535 | 0.0 | 32.77 | 14.495 | 0.0 | 353.321 | 10.473 | 0.0 | 71.783 | 12.91 | 0.0 | 1.395 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.123 | 0.0 |
| 18 | 8263 | 8264 | NS | 1 | 0.0 | 22.38 | 10.515 | 0.0 | 32.77 | 14.496 | 0.0 | 353.327 | 10.466 | 0.0 | 71.816 | 12.903 | 0.0 | 1.395 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.123 | 0.0 |
| 19 | 8263 | 8264 | SN | 1 | 0.0 | 22.816 | 6.318 | 0.0 | 24.597 | 7.732 | 0.0 | 145.894 | 2.871 | 0.0 | 12.911 | 3.174 | 0.0 | 1.428 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.141 | 0.0 |
| 20 | 8263 | 8264 | NS | 1 | 0.0 | 59.008 | 5.792 | 0.0 | 24.255 | 6.971 | 0.0 | 353.327 | 2.289 | 0.0 | 63.456 | 3.314 | 0.0 | 1.413 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.122 | 0.0 |
| 21 | 8264 | 8265 | SN | 1 | 0.0 | 22.733 | 6.31 | 0.0 | 24.602 | 7.746 | 0.0 | 141.846 | 2.89 | 0.0 | 114.296 | 3.145 | 0.0 | 1.428 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.141 | 0.0 |
| 22 | 8264 | 8265 | SN | 1 | 0.0 | 31.027 | 13.038 | 0.0 | 23.797 | 12.65 | 0.0 | 146.958 | 10.957 | 0.0 | 78.509 | 13.2 | 0.0 | 1.437 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.14 | 0.0 |
| 23 | 8264 | 8265 | NS | 1 | 0.0 | 151.544 | 10.515 | 0.0 | 32.026 | 14.464 | 0.0 | 150.005 | 10.438 | 0.0 | 78.738 | 12.881 | 0.0 | 1.395 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.812 | 0.0 | 0.0 | 2.119 | 0.0 |
| 24 | 8264 | 8265 | SN | 1 | 0.0 | 31.027 | 13.017 | 0.0 | 23.797 | 12.831 | 0.0 | 146.958 | 10.806 | 0.0 | 78.509 | 13.447 | 0.0 | 1.437 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.14 | 0.0 |
| 25 | 8264 | 8265 | SN | 1 | 0.0 | 31.027 | 13.017 | 0.0 | 23.797 | 12.831 | 0.0 | 146.958 | 10.806 | 0.0 | 78.509 | 13.447 | 0.0 | 1.437 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.14 | 0.0 |
| 26 | 8264 | 8265 | SN | 1 | 0.0 | 22.733 | 6.242 | 0.0 | 24.602 | 7.72 | 0.0 | 141.846 | 2.84 | 0.0 | 114.296 | 3.229 | 0.0 | 1.428 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.141 | 0.0 |
| 27 | 8264 | 8265 | SN | 1 | 0.0 | 22.733 | 6.242 | 0.0 | 24.602 | 7.72 | 0.0 | 141.846 | 2.84 | 0.0 | 114.296 | 3.229 | 0.0 | 1.428 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.141 | 0.0 |
| 28 | 8264 | 8265 | NS | 1 | 0.0 | 24.564 | 5.772 | 0.0 | 24.255 | 6.964 | 0.0 | 124.763 | 2.283 | 0.0 | 64.73 | 3.301 | 0.0 | 1.411 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.12 | 0.0 |
| 29 | 8265 | 8266 | SN | 1 | 0.0 | 31.072 | 13.047 | 0.0 | 77.069 | 12.862 | 0.0 | 143.765 | 10.843 | 0.0 | 73.738 | 13.447 | 0.0 | 1.437 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.14 | 0.0 |
| 30 | 8265 | 8266 | NS | 1 | 0.0 | 81.779 | 10.592 | 0.0 | 32.55 | 14.56 | 0.0 | 131.056 | 10.326 | 0.0 | 72.715 | 12.842 | 0.0 | 1.396 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 2.12 | 0.0 |
| 31 | 8265 | 8266 | SN | 1 | 0.0 | 31.077 | 13.037 | 0.0 | 34.538 | 12.902 | 0.0 | 143.732 | 10.807 | 0.0 | 73.744 | 13.482 | 0.0 | 1.437 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.141 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 8265 | 8266 | NS | 1 | 0.0 | 269.121 | 10.495 | 0.0 | 32.726 | 14.505 | 0.0 | 136.108 | 10.409 | 0.0 | 80.508 | 12.873 | 0.0 | 1.396 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.119 | 0.0 |
| 33 | 8265 | 8266 | SN | 1 | 0.0 | 22.738 | 6.341 | 0.0 | 45.287 | 7.783 | 0.0 | 140.395 | 2.913 | 0.0 | 77.329 | 3.16 | 0.0 | 1.429 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.141 | 0.0 |
| 34 | 8265 | 8266 | SN | 1 | 0.0 | 22.738 | 6.247 | 0.0 | 45.287 | 7.736 | 0.0 | 140.395 | 2.839 | 0.0 | 77.329 | 3.248 | 0.0 | 1.429 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.141 | 0.0 |
| 35 | 8265 | 8266 | SN | 1 | 0.0 | 22.771 | 6.249 | 0.0 | 130.176 | 7.734 | 0.0 | 140.362 | 2.849 | 0.0 | 77.329 | 3.25 | 0.0 | 1.429 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.141 | 0.0 |
| 36 | 8265 | 8266 | NS | 1 | 0.0 | 184.879 | 5.775 | 0.0 | 24.272 | 6.966 | 0.0 | 115.41 | 2.275 | 0.0 | 49.988 | 3.324 | 0.0 | 1.411 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.121 | 0.0 |
| 37 | 8265 | 8266 | SN | 1 | 0.0 | 31.072 | 13.09 | 0.0 | 77.069 | 12.613 | 0.0 | 143.765 | 11.05 | 0.0 | 73.738 | 13.077 | 0.0 | 1.437 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.14 | 0.0 |
| 38 | 8265 | 8266 | NS | 1 | 0.0 | 24.575 | 5.77 | 0.0 | 24.255 | 6.961 | 0.0 | 117.82 | 2.264 | 0.0 | 64.327 | 3.315 | 0.0 | 1.411 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.12 | 0.0 |
| 39 | 8266 | 8267 | NS | 1 | 0.0 | 166.909 | 5.783 | 0.0 | 24.255 | 6.964 | 0.0 | 216.478 | 2.286 | 0.0 | 46.05 | 3.347 | 0.0 | 1.411 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.121 | 0.0 |
| 40 | 8266 | 8267 | SN | 1 | 0.0 | 31.088 | 12.988 | 0.0 | 27.319 | 12.505 | 0.0 | 147.239 | 11.06 | 0.0 | 167.361 | 12.951 | 0.0 | 1.441 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.139 | 0.0 |
| 41 | 8266 | 8267 | NS | 1 | 0.0 | 148.478 | 10.551 | 0.0 | 32.55 | 14.57 | 0.0 | 265.087 | 10.377 | 0.0 | 73.427 | 12.871 | 0.0 | 1.395 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.12 | 0.0 |
| 42 | 8266 | 8267 | NS | 1 | 0.0 | 45.066 | 10.541 | 0.0 | 32.555 | 14.58 | 0.0 | 265.087 | 10.406 | 0.0 | 73.449 | 12.857 | 0.0 | 1.395 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.12 | 0.0 |
| 43 | 8266 | 8267 | SN | 1 | 0.0 | 31.088 | 12.951 | 0.0 | 27.319 | 12.832 | 0.0 | 147.239 | 10.725 | 0.0 | 167.361 | 13.418 | 0.0 | 1.441 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.139 | 0.0 |
| 44 | 8266 | 8267 | SN | 1 | 0.0 | 31.088 | 12.951 | 0.0 | 27.319 | 12.832 | 0.0 | 147.239 | 10.725 | 0.0 | 167.361 | 13.418 | 0.0 | 1.441 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.139 | 0.0 |
| 45 | 8266 | 8267 | SN | 1 | 0.0 | 22.805 | 6.381 | 0.0 | 127.874 | 7.798 | 0.0 | 153.885 | 2.93 | 0.0 | 235.264 | 3.168 | 0.0 | 1.43 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.14 | 0.0 |
| 46 | 8266 | 8267 | NS | 1 | 0.0 | 45.066 | 5.773 | 0.0 | 24.255 | 6.978 | 0.0 | 185.436 | 2.286 | 0.0 | 46.072 | 3.354 | 0.0 | 1.411 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.121 | 0.0 |
| 47 | 8266 | 8267 | SN | 1 | 0.0 | 22.805 | 6.259 | 0.0 | 127.874 | 7.734 | 0.0 | 153.885 | 2.82 | 0.0 | 235.264 | 3.239 | 0.0 | 1.43 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.14 | 0.0 |
| 48 | 8266 | 8267 | SN | 1 | 0.0 | 22.805 | 6.259 | 0.0 | 127.874 | 7.734 | 0.0 | 153.885 | 2.82 | 0.0 | 235.264 | 3.239 | 0.0 | 1.43 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.14 | 0.0 |
| 49 | 8267 | 8268 | NS | 1 | 0.0 | 77.199 | 5.794 | 0.0 | 24.26 | 6.973 | 0.0 | 179.676 | 2.293 | 0.0 | 53.247 | 3.368 | 0.0 | 1.411 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.122 | 0.0 |
| 50 | 8267 | 8268 | NS | 1 | 0.0 | 254.377 | 5.798 | 0.0 | 24.255 | 6.991 | 0.0 | 140.475 | 2.282 | 0.0 | 52.508 | 3.353 | 0.0 | 1.412 | 0.0 | 0.0 | 1.766 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.121 | 0.0 |
| 51 | 8267 | 8268 | SN | 1 | 0.0 | 124.363 | 12.993 | 0.0 | 23.803 | 12.831 | 0.0 | 142.403 | 10.642 | 0.0 | 122.403 | 13.475 | 0.0 | 1.44 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.138 | 0.0 |
| 52 | 8267 | 8268 | SN | 1 | 0.0 | 107.84 | 6.253 | 0.0 | 54.383 | 7.707 | 0.0 | 132.172 | 2.84 | 0.0 | 56.54 | 3.255 | 0.0 | 1.428 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.141 | 0.0 |
| 53 | 8267 | 8268 | SN | 1 | 0.0 | 107.84 | 6.253 | 0.0 | 54.383 | 7.707 | 0.0 | 132.172 | 2.84 | 0.0 | 56.551 | 3.251 | 0.0 | 1.428 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.141 | 0.0 |
| 54 | 8267 | 8268 | SN | 1 | 0.0 | 124.363 | 12.993 | 0.0 | 23.803 | 12.831 | 0.0 | 142.403 | 10.649 | 0.0 | 122.403 | 13.467 | 0.0 | 1.44 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.138 | 0.0 |
| 55 | 8267 | 8268 | SN | 1 | 0.0 | 107.84 | 6.417 | 0.0 | 54.383 | 7.805 | 0.0 | 132.172 | 3.002 | 0.0 | 54.304 | 3.201 | 0.0 | 1.428 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.141 | 0.0 |
| 56 | 8267 | 8268 | NS | 1 | 0.0 | 150.436 | 10.519 | 0.0 | 32.737 | 14.493 | 0.0 | 134.696 | 10.385 | 0.0 | 70.818 | 12.88 | 0.0 | 1.395 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.819 | 0.0 | 0.0 | 2.117 | 0.0 |
| 57 | 8267 | 8268 | NS | 1 | 0.0 | 150.436 | 10.521 | 0.0 | 32.572 | 14.55 | 0.0 | 135.12 | 10.37 | 0.0 | 70.57 | 12.935 | 0.0 | 1.396 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.121 | 0.0 |
| 58 | 8267 | 8268 | SN | 1 | 0.0 | 124.363 | 13.05 | 0.0 | 23.803 | 12.46 | 0.0 | 142.403 | 11.14 | 0.0 | 122.403 | 12.888 | 0.0 | 1.44 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.138 | 0.0 |
| 59 | 8268 | 8269 | NS | 1 | 0.0 | 147.336 | 10.468 | 0.0 | 32.732 | 14.48 | 0.0 | 241.187 | 10.505 | 0.0 | 75.175 | 12.917 | 0.0 | 1.396 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.82 | 0.0 | 0.0 | 2.118 | 0.0 |
| 60 | 8268 | 8269 | SN | 1 | 0.0 | 30.779 | 12.963 | 0.0 | 23.797 | 12.364 | 0.0 | 144.697 | 11.03 | 0.0 | 35.9 | 12.626 | 0.0 | 1.433 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.142 | 0.0 |
| 61 | 8268 | 8269 | SN | 1 | 0.0 | 22.816 | 6.491 | 0.0 | 24.591 | 7.808 | 0.0 | 132.029 | 3.039 | 0.0 | 196.822 | 3.216 | 0.0 | 1.43 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 62 | 8268 | 8269 | NS | 1 | 0.0 | 253.536 | 5.787 | 0.0 | 24.249 | 7.032 | 0.0 | 126.793 | 2.305 | 0.0 | 50.694 | 3.4 | 0.0 | 1.411 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.122 | 0.0 |
| 63 | 8268 | 8269 | NS | 1 | 0.0 | 209.121 | 10.488 | 0.0 | 32.737 | 14.48 | 0.0 | 241.176 | 10.505 | 0.0 | 75.18 | 12.917 | 0.0 | 1.396 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.82 | 0.0 | 0.0 | 2.118 | 0.0 |
| 64 | 8268 | 8269 | SN | 1 | 0.0 | 30.779 | 12.868 | 0.0 | 23.797 | 12.813 | 0.0 | 144.697 | 10.313 | 0.0 | 73.581 | 13.334 | 0.0 | 1.433 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.142 | 0.0 |
| 65 | 8268 | 8269 | SN | 1 | 0.0 | 22.816 | 6.25 | 0.0 | 24.591 | 7.695 | 0.0 | 132.029 | 2.807 | 0.0 | 196.822 | 3.199 | 0.0 | 1.43 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 66 | 8268 | 8269 | SN | 1 | 0.0 | 22.816 | 6.25 | 0.0 | 24.591 | 7.695 | 0.0 | 132.029 | 2.807 | 0.0 | 196.822 | 3.199 | 0.0 | 1.43 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.139 | 0.0 |
| 67 | 8268 | 8269 | SN | 1 | 0.0 | 30.779 | 12.868 | 0.0 | 23.797 | 12.813 | 0.0 | 144.697 | 10.313 | 0.0 | 73.581 | 13.334 | 0.0 | 1.433 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.142 | 0.0 |
| 68 | 8268 | 8269 | NS | 1 | 0.0 | 153.107 | 5.792 | 0.0 | 24.249 | 7.032 | 0.0 | 126.732 | 2.306 | 0.0 | 50.699 | 3.407 | 0.0 | 1.412 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.122 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 8269 | 8270 | SN | 1 | 0.0 | 22.843 | 6.502 | 0.0 | 189.633 | 7.775 | 0.0 | 140.842 | 3.058 | 0.0 | 12.911 | 3.28 | 0.0 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.14 | 0.0 |
| 70 | 8269 | 8270 | SN | 1 | 0.0 | 22.843 | 6.197 | 0.0 | 189.633 | 7.621 | 0.0 | 140.842 | 2.783 | 0.0 | 62.877 | 3.169 | 0.0 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.14 | 0.0 |
| 71 | 8269 | 8270 | SN | 1 | 0.0 | 22.843 | 6.197 | 0.0 | 189.633 | 7.621 | 0.0 | 140.842 | 2.783 | 0.0 | 62.877 | 3.169 | 0.0 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.14 | 0.0 |
| 72 | 8269 | 8270 | NS | 1 | 0.0 | 24.586 | 5.812 | 0.0 | 24.26 | 7.038 | 0.0 | 263.703 | 2.319 | 0.0 | 62.788 | 3.407 | 0.0 | 1.414 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.123 | 0.0 |
| 73 | 8269 | 8270 | NS | 1 | 0.0 | 77.494 | 5.819 | 0.0 | 24.26 | 7.041 | 0.0 | 262.608 | 2.321 | 0.0 | 62.783 | 3.405 | 0.0 | 1.413 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.123 | 0.0 |
| 74 | 8269 | 8270 | SN | 1 | 0.0 | 30.983 | 12.879 | 0.0 | 242.58 | 12.281 | 0.0 | 137.351 | 11.12 | 0.0 | 14.267 | 12.465 | 0.0 | 1.435 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.139 | 0.0 |
| 75 | 8269 | 8270 | NS | 1 | 0.0 | 147.309 | 10.428 | 0.0 | 32.743 | 14.49 | 0.0 | 111.864 | 10.484 | 0.0 | 77.855 | 12.974 | 0.0 | 1.396 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.118 | 0.0 |
| 76 | 8269 | 8270 | NS | 1 | 0.0 | 88.998 | 10.428 | 0.0 | 32.737 | 14.5 | 0.0 | 149.975 | 10.463 | 0.0 | 77.866 | 12.995 | 0.0 | 1.396 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.118 | 0.0 |
| 77 | 8269 | 8270 | SN | 1 | 0.0 | 30.983 | 12.711 | 0.0 | 242.58 | 12.746 | 0.0 | 137.351 | 10.198 | 0.0 | 73.967 | 13.179 | 0.0 | 1.435 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.139 | 0.0 |
| 78 | 8269 | 8270 | SN | 1 | 0.0 | 30.983 | 12.711 | 0.0 | 242.58 | 12.746 | 0.0 | 137.351 | 10.198 | 0.0 | 73.967 | 13.179 | 0.0 | 1.435 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.139 | 0.0 |
| 79 | 8270 | 8271 | NS | 1 | 0.0 | 24.591 | 5.792 | 0.0 | 24.255 | 7.066 | 0.0 | 353.415 | 2.322 | 0.0 | 51.488 | 3.413 | 0.0 | 1.411 | 0.0 | 0.0 | 1.767 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.123 | 0.0 |
| 80 | 8270 | 8271 | NS | 1 | 0.0 | 22.358 | 10.493 | 0.0 | 32.009 | 14.518 | 0.0 | 353.415 | 10.494 | 0.0 | 72.804 | 12.967 | 0.0 | 1.395 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.819 | 0.0 | 0.0 | 2.123 | 0.0 |
| 81 | 8270 | 8271 | SN | 1 | 0.0 | 22.849 | 6.202 | 0.0 | 94.679 | 7.634 | 0.0 | 134.671 | 2.779 | 0.0 | 55.122 | 3.211 | 0.0 | 1.429 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.14 | 0.0 |
| 82 | 8270 | 8271 | SN | 1 | 0.0 | 31.016 | 12.713 | 0.0 | 199.111 | 12.76 | 0.0 | 147.477 | 10.217 | 0.0 | 236.028 | 13.212 | 0.0 | 1.436 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.14 | 0.0 |
| 83 | 8271 | 8272 | NS | 1 | 0.0 | 269.692 | 10.521 | 0.0 | 32.522 | 14.458 | 0.0 | 139.417 | 10.388 | 0.0 | 71.998 | 12.935 | 0.0 | 1.395 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.123 | 0.0 |
| 84 | 8271 | 8272 | NS | 1 | 0.0 | 258.265 | 5.795 | 0.0 | 24.26 | 7.055 | 0.0 | 121.371 | 2.32 | 0.0 | 50.38 | 3.416 | 0.0 | 1.411 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.123 | 0.0 |
| 85 | 8271 | 8272 | NS | 1 | 0.0 | 258.265 | 5.795 | 0.0 | 24.26 | 7.055 | 0.0 | 121.371 | 2.32 | 0.0 | 50.38 | 3.416 | 0.0 | 1.411 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.123 | 0.0 |
| 86 | 8271 | 8272 | NS | 1 | 0.0 | 269.692 | 10.521 | 0.0 | 32.522 | 14.458 | 0.0 | 139.417 | 10.388 | 0.0 | 71.998 | 12.935 | 0.0 | 1.395 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.123 | 0.0 |
| 87 | 8276 | 8277 | SN | 1 | 0.0 | 22.86 | 6.191 | 0.0 | 24.569 | 7.454 | 0.0 | 150.957 | 2.698 | 0.0 | 205.996 | 3.217 | 0.0 | 1.434 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.138 | 0.0 |
| 88 | 8276 | 8277 | SN | 1 | 0.0 | 22.86 | 6.191 | 0.0 | 24.569 | 7.454 | 0.0 | 150.957 | 2.698 | 0.0 | 205.996 | 3.217 | 0.0 | 1.434 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.138 | 0.0 |
| 89 | 8276 | 8277 | SN | 1 | 0.0 | 22.86 | 6.352 | 0.0 | 24.569 | 7.549 | 0.0 | 150.957 | 2.846 | 0.0 | 205.996 | 3.173 | 0.0 | 1.434 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.138 | 0.0 |
| 90 | 8276 | 8277 | SN | 1 | 0.0 | 30.878 | 12.666 | 0.0 | 23.814 | 12.775 | 0.0 | 141.675 | 10.08 | 0.0 | 69.26 | 13.193 | 0.0 | 1.438 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.14 | 0.0 |
| 91 | 8276 | 8277 | SN | 1 | 0.0 | 30.878 | 12.719 | 0.0 | 23.814 | 12.389 | 0.0 | 141.675 | 10.5 | 0.0 | 69.26 | 12.624 | 0.0 | 1.438 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.14 | 0.0 |
| 92 | 8276 | 8277 | SN | 1 | 0.0 | 30.878 | 12.666 | 0.0 | 23.814 | 12.775 | 0.0 | 141.675 | 10.08 | 0.0 | 69.26 | 13.193 | 0.0 | 1.438 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.14 | 0.0 |
| 93 | 8277 | 8278 | SN | 1 | 0.0 | 31.005 | 12.672 | 0.0 | 23.819 | 12.811 | 0.0 | 140.539 | 10.075 | 0.0 | 67.073 | 13.169 | 0.0 | 1.436 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 94 | 8277 | 8278 | SN | 1 | 0.0 | 31.005 | 12.687 | 0.0 | 23.819 | 12.629 | 0.0 | 140.539 | 10.223 | 0.0 | 17.196 | 12.924 | 0.0 | 1.436 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 95 | 8277 | 8278 | NS | 1 | 0.0 | 91.337 | 10.471 | 0.0 | 32.527 | 14.396 | 0.0 | 139.825 | 10.606 | 0.0 | 74.337 | 13.173 | 0.0 | 1.395 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.125 | 0.0 |
| 96 | 8277 | 8278 | SN | 1 | 0.0 | 31.005 | 12.672 | 0.0 | 23.819 | 12.811 | 0.0 | 140.539 | 10.075 | 0.0 | 67.073 | 13.169 | 0.0 | 1.436 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 97 | 8277 | 8278 | SN | 1 | 0.0 | 22.849 | 6.221 | 0.0 | 153.05 | 7.545 | 0.0 | 140.539 | 2.752 | 0.0 | 12.911 | 3.144 | 0.0 | 1.432 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 98 | 8277 | 8278 | NS | 1 | 0.0 | 270.464 | 5.835 | 0.0 | 24.233 | 7.113 | 0.0 | 272.43 | 2.371 | 0.0 | 52.646 | 3.52 | 0.0 | 1.413 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.123 | 0.0 |
| 99 | 8277 | 8278 | SN | 1 | 0.0 | 22.849 | 6.159 | 0.0 | 153.05 | 7.532 | 0.0 | 140.539 | 2.704 | 0.0 | 46.42 | 3.22 | 0.0 | 1.432 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 100 | 8277 | 8278 | SN | 1 | 0.0 | 22.849 | 6.159 | 0.0 | 153.05 | 7.532 | 0.0 | 140.539 | 2.704 | 0.0 | 46.42 | 3.22 | 0.0 | 1.432 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 101 | 8278 | 8279 | SN | 1 | 0.0 | 22.838 | 6.234 | 0.0 | 24.586 | 7.547 | 0.0 | 140.186 | 2.781 | 0.0 | 259.379 | 3.188 | 0.0 | 1.431 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 102 | 8278 | 8279 | SN | 1 | 0.0 | 22.838 | 6.236 | 0.0 | 24.586 | 7.542 | 0.0 | 140.197 | 2.779 | 0.0 | 142.202 | 3.188 | 0.0 | 1.431 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 103 | 8278 | 8279 | SN | 1 | 0.0 | 31.11 | 12.774 | 0.0 | 156.298 | 12.802 | 0.0 | 143.848 | 10.132 | 0.0 | 151.274 | 13.304 | 0.0 | 1.436 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.14 | 0.0 |
| 104 | 8278 | 8279 | NS | 1 | 0.0 | 67.757 | 10.501 | 0.0 | 32.561 | 14.316 | 0.0 | 132.357 | 10.465 | 0.0 | 73.758 | 13.184 | 0.0 | 1.396 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.124 | 0.0 |
| 105 | 8278 | 8279 | SN | 1 | 0.0 | 31.11 | 12.792 | 0.0 | 156.298 | 12.668 | 0.0 | 143.848 | 10.239 | 0.0 | 151.274 | 13.11 | 0.0 | 1.436 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.14 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-------|---------|--------|-------|---------|--------|-----|---------|--------|-----|---------|--------|-------|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 8278 | 8279 | NS | 1 | 0.0 | 44.994 | 10.452 | 0.0 | 32.561 | 14.355 | 0.0 | 137.293 | 10.471 | 0.0 | 76.454 | 13.194 | 0.0 | 1.396 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.124 | 0.0 |
| 107 | 8278 | 8279 | SN | 1 | 0.0 | 22.838 | 6.18 | 0.0 | 24.586 | 7.537 | 0.0 | 140.186 | 2.742 | 0.0 | 259.379 | 3.259 | 0.0 | 1.431 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.139 | 0.0 |
| 108 | 8278 | 8279 | SN | 1 | 0.0 | 31.116 | 12.793 | 0.0 | 156.292 | 12.649 | 0.0 | 143.853 | 10.246 | 0.0 | 151.274 | 13.086 | 0.0 | 1.436 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.14 | 0.0 |
| 109 | 8278 | 8279 | NS | 1 | 0.0 | 44.994 | 5.819 | 0.0 | 24.238 | 7.113 | 0.0 | 118.901 | 2.336 | 0.0 | 54.218 | 3.454 | 0.0 | 1.416 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.124 | 0.0 |
| 110 | 8278 | 8279 | NS | 1 | 0.0 | 67.757 | 5.82 | 0.0 | 24.249 | 7.114 | 0.0 | 117.82 | 2.349 | 0.0 | 51.747 | 3.445 | 0.0 | 1.416 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.124 | 0.0 |
| 111 | 8279 | 8280 | NS | 1 | 0.0 | 170.824 | 5.806 | 0.0 | 24.249 | 7.098 | 0.0 | 265.241 | 2.353 | 0.0 | 47.396 | 3.421 | 0.0 | 1.412 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.124 | 0.0 |
| 112 | 8279 | 8280 | NS | 1 | 0.0 | 198.466 | 10.48 | 0.0 | 32.583 | 14.387 | 0.0 | 155.928 | 10.451 | 0.0 | 73.94 | 13.134 | 0.0 | 1.396 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.124 | 0.0 |
| 113 | 8279 | 8280 | SN | 1 | 0.0 | 22.838 | 6.176 | 0.0 | 24.586 | 7.554 | 0.0 | 156.632 | 2.751 | 0.0 | 49.652 | 3.227 | 0.0 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 114 | 8279 | 8280 | SN | 1 | 0.0 | 22.838 | 6.252 | 0.0 | 24.586 | 7.58 | 0.0 | 156.632 | 2.808 | 0.0 | 12.911 | 3.134 | 0.0 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 115 | 8279 | 8280 | SN | 1 | 0.0 | 22.838 | 6.176 | 0.0 | 24.586 | 7.554 | 0.0 | 156.632 | 2.751 | 0.0 | 49.652 | 3.227 | 0.0 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 116 | 8279 | 8280 | NS | 1 | 0.0 | 170.824 | 5.806 | 0.0 | 24.249 | 7.098 | 0.0 | 265.241 | 2.353 | 0.0 | 47.396 | 3.425 | 0.0 | 1.412 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.124 | 0.0 |
| 117 | 8279 | 8280 | NS | 1 | 0.0 | 198.466 | 10.48 | 0.0 | 32.583 | 14.387 | 0.0 | 155.928 | 10.451 | 0.0 | 73.94 | 13.134 | 0.0 | 1.396 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.124 | 0.0 |
| 118 | 8279 | 8280 | SN | 1 | 0.0 | 31.072 | 12.804 | 0.0 | 23.819 | 12.561 | 0.0 | 147.405 | 10.424 | 0.0 | 16.374 | 12.994 | 0.0 | 1.44 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.139 | 0.0 |
| 119 | 8279 | 8280 | SN | 1 | 0.0 | 31.072 | 12.758 | 0.0 | 23.819 | 12.763 | 0.0 | 147.405 | 10.256 | 0.0 | 65.298 | 13.311 | 0.0 | 1.44 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.139 | 0.0 |
| 120 | 8279 | 8280 | SN | 1 | 0.0 | 31.072 | 12.758 | 0.0 | 23.819 | 12.763 | 0.0 | 147.405 | 10.256 | 0.0 | 65.298 | 13.311 | 0.0 | 1.44 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.139 | 0.0 |
| 121 | 8280 | 8281 | NS | 1 | 0.0 | 78.636 | 5.832 | 0.0 | 24.233 | 7.089 | 0.0 | 280.518 | 2.356 | 0.0 | 52.597 | 3.473 | 0.0 | 1.413 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.124 | 0.0 |
| 122 | 8280 | 8281 | SN | 1 | 0.0 | 22.86 | 6.178 | 0.0 | 24.591 | 7.558 | 0.0 | 138.807 | 2.737 | 0.0 | 45.069 | 3.227 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 123 | 8280 | 8281 | NS | 1 | 0.0 | 148.456 | 10.52 | 0.0 | 32.588 | 14.397 | 0.0 | 247.792 | 10.465 | 0.0 | 70.824 | 13.184 | 0.0 | 1.395 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.12 | 0.0 |
| 124 | 8280 | 8281 | SN | 1 | 0.0 | 22.86 | 6.178 | 0.0 | 24.591 | 7.562 | 0.0 | 138.802 | 2.739 | 0.0 | 241.328 | 3.223 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 125 | 8280 | 8281 | NS | 1 | 0.0 | 272.157 | 10.484 | 0.0 | 32.759 | 14.453 | 0.0 | 246.452 | 10.461 | 0.0 | 66.842 | 13.193 | 0.0 | 1.395 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.819 | 0.0 | 0.0 | 2.124 | 0.0 |
| 126 | 8280 | 8281 | SN | 1 | 0.0 | 31.077 | 12.812 | 0.237 | 154.445 | 12.535 | 0.0 | 143.026 | 10.487 | 0.0 | 62.946 | 12.824 | 0.0 | 1.44 | 0.0 | 0.002 | 1.784 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.135 | 0.0 |
| 127 | 8280 | 8281 | SN | 1 | 0.0 | 22.86 | 6.288 | 0.0 | 24.591 | 7.608 | 0.0 | 138.802 | 2.828 | 0.0 | 241.328 | 3.143 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 128 | 8280 | 8281 | NS | 1 | 0.0 | 263.043 | 5.827 | 0.0 | 24.244 | 7.105 | 0.0 | 255.003 | 2.344 | 0.0 | 53.589 | 3.482 | 0.0 | 1.413 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.124 | 0.0 |
| 129 | 8280 | 8281 | SN | 1 | 0.0 | 31.077 | 12.758 | 0.237 | 154.445 | 12.813 | 0.0 | 143.026 | 10.228 | 0.0 | 62.946 | 13.276 | 0.0 | 1.44 | 0.0 | 0.002 | 1.784 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.135 | 0.0 |
| 130 | 8280 | 8281 | SN | 1 | 0.0 | 31.077 | 12.758 | 0.237 | 218.673 | 12.813 | 0.0 | 143.026 | 10.235 | 0.0 | 60.433 | 13.261 | 0.0 | 1.44 | 0.0 | 0.002 | 1.784 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.135 | 0.0 |
| 131 | 8281 | 8282 | NS | 1 | 0.0 | 24.58 | 5.816 | 0.0 | 24.227 | 7.078 | 0.0 | 271.788 | 2.377 | 0.0 | 50.479 | 3.508 | 0.0 | 1.417 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.124 | 0.0 |
| 132 | 8281 | 8282 | NS | 1 | 0.0 | 47.173 | 10.53 | 0.0 | 32.605 | 14.357 | 0.0 | 211.023 | 10.536 | 0.0 | 79.256 | 13.141 | 0.0 | 1.396 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.816 | 0.0 | 0.0 | 2.121 | 0.0 |
| 133 | 8281 | 8282 | NS | 1 | 0.0 | 55.622 | 10.473 | 0.0 | 32.743 | 14.392 | 0.0 | 143.674 | 10.546 | 0.0 | 75.136 | 13.179 | 0.0 | 1.396 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.818 | 0.0 | 0.0 | 2.124 | 0.0 |
| 134 | 8281 | 8282 | SN | 1 | 0.0 | 30.917 | 12.712 | 0.237 | 26.017 | 12.793 | 0.0 | 139.061 | 10.281 | 0.0 | 229.785 | 13.311 | 0.0 | 1.439 | 0.0 | 0.002 | 1.784 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.135 | 0.0 |
| 135 | 8281 | 8282 | SN | 1 | 0.0 | 30.917 | 12.702 | 0.243 | 26.017 | 12.763 | 0.0 | 139.028 | 10.274 | 0.0 | 68.866 | 13.297 | 0.0 | 1.44 | 0.0 | 0.002 | 1.784 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.135 | 0.0 |
| 136 | 8281 | 8282 | SN | 1 | 0.0 | 22.854 | 6.202 | 0.0 | 65.816 | 7.512 | 0.0 | 149.501 | 2.738 | 0.0 | 167.775 | 3.2 | 0.0 | 1.429 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.138 | 0.0 |
| 137 | 8281 | 8282 | NS | 1 | 0.0 | 202.756 | 5.79 | 0.0 | 24.244 | 7.098 | 0.0 | 112.553 | 2.376 | 0.0 | 57.24 | 3.512 | 0.0 | 1.416 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.124 | 0.0 |
| 138 | 8281 | 8282 | SN | 1 | 0.0 | 22.854 | 6.181 | 0.0 | 65.816 | 7.511 | 0.0 | 149.501 | 2.724 | 0.0 | 167.775 | 3.235 | 0.0 | 1.429 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.138 | 0.0 |
| 139 | 8281 | 8282 | SN | 1 | 0.0 | 22.854 | 6.184 | 0.0 | 65.822 | 7.511 | 0.0 | 149.55 | 2.727 | 0.0 | 228.114 | 3.239 | 0.0 | 1.429 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.138 | 0.0 |
| 140 | 8281 | 8282 | SN | 1 | 0.0 | 30.917 | 12.713 | 0.243 | 26.017 | 12.705 | 0.0 | 139.028 | 10.312 | 0.0 | 51.921 | 13.222 | 0.0 | 1.44 | 0.0 | 0.002 | 1.784 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.135 | 0.0 |
| 141 | 8282 | 8283 | NS | 1 | 0.629 | 261.858 | 10.507 | 0.0 | 105.452 | 14.406 | 0.0 | 276.301 | 10.636 | 0.0 | 170.165 | 13.308 | 0.004 | 1.397 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.12 | 0.0 |
| 142 | 8282 | 8283 | SN | 1 | 0.0 | 30.823 | 12.747 | 0.0 | 23.819 | 12.405 | 0.0 | 138.537 | 10.739 | 0.0 | 81.652 | 12.568 | 0.0 | 1.437 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.14 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 143 | 8282 | 8283 | SN | 1 | 0.0 | 30.823 | 12.676 | 0.0 | 23.819 | 12.785 | 0.0 | 138.636 | 10.158 | 0.0 | 72.395 | 13.179 | 0.0 | 1.437 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.14 | 0.0 |
| 144 | 8282 | 8283 | NS | 1 | 0.0 | 52.925 | 5.811 | 0.0 | 144.934 | 7.154 | 0.0 | 352.913 | 2.369 | 0.0 | 170.094 | 3.546 | 0.0 | 1.413 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.126 | 0.0 |
| 145 | 8282 | 8283 | SN | 1 | 0.0 | 30.823 | 12.686 | 0.0 | 23.819 | 12.775 | 0.0 | 138.537 | 10.165 | 0.0 | 124.691 | 13.193 | 0.0 | 1.437 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.14 | 0.0 |
| 146 | 8282 | 8283 | NS | 1 | 0.0 | 122.568 | 5.836 | 0.0 | 144.973 | 7.142 | 0.0 | 276.274 | 2.376 | 0.0 | 170.094 | 3.549 | 0.0 | 1.414 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.125 | 0.0 |
| 147 | 8282 | 8283 | SN | 1 | 0.0 | 22.86 | 6.188 | 0.0 | 25.832 | 7.463 | 0.0 | 140.191 | 2.676 | 0.0 | 195.008 | 3.208 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 148 | 8282 | 8283 | SN | 1 | 0.0 | 22.86 | 6.375 | 0.0 | 25.832 | 7.552 | 0.0 | 140.109 | 2.863 | 0.0 | 60.436 | 3.207 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 149 | 8282 | 8283 | NS | 1 | 0.0 | 261.858 | 10.517 | 0.0 | 105.458 | 14.428 | 0.0 | 276.274 | 10.604 | 0.0 | 170.171 | 13.358 | 0.0 | 1.397 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.126 | 0.0 |
| 150 | 8282 | 8283 | SN | 1 | 0.0 | 22.86 | 6.179 | 0.0 | 25.832 | 7.458 | 0.0 | 140.109 | 2.678 | 0.0 | 225.787 | 3.221 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 151 | 8283 | 8284 | SN | 1 | 0.0 | 22.871 | 6.358 | 0.0 | 25.827 | 7.389 | 0.0 | 135.625 | 2.839 | 0.0 | 12.911 | 3.208 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.137 | 0.0 |
| 152 | 8283 | 8284 | NS | 1 | 0.0 | 39.033 | 10.466 | 0.0 | 32.726 | 14.397 | 0.0 | 178.209 | 10.71 | 0.0 | 78.545 | 13.344 | 0.0 | 1.396 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.818 | 0.0 | 0.0 | 2.125 | 0.0 |
| 153 | 8283 | 8284 | SN | 1 | 0.0 | 30.967 | 12.596 | 0.0 | 23.819 | 12.684 | 0.0 | 130.49 | 10.023 | 0.0 | 74.866 | 13.186 | 0.0 | 1.439 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.139 | 0.0 |
| 154 | 8283 | 8284 | SN | 1 | 0.0 | 22.871 | 6.152 | 0.0 | 25.827 | 7.305 | 0.0 | 135.625 | 2.65 | 0.0 | 53.733 | 3.214 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.137 | 0.0 |
| 155 | 8283 | 8284 | SN | 1 | 0.0 | 30.967 | 12.653 | 0.0 | 23.819 | 12.232 | 0.0 | 130.49 | 10.603 | 0.0 | 14.295 | 12.565 | 0.0 | 1.439 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.139 | 0.0 |
| 156 | 8283 | 8284 | SN | 1 | 0.0 | 22.871 | 6.152 | 0.0 | 25.827 | 7.305 | 0.0 | 135.625 | 2.65 | 0.0 | 53.722 | 3.215 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.137 | 0.0 |
| 157 | 8283 | 8284 | NS | 1 | 0.0 | 95.261 | 5.823 | 0.0 | 24.222 | 7.142 | 0.0 | 197.44 | 2.377 | 0.0 | 64.476 | 3.535 | 0.0 | 1.414 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.124 | 0.0 |
| 158 | 8283 | 8284 | SN | 1 | 0.0 | 30.967 | 12.596 | 0.0 | 23.819 | 12.684 | 0.0 | 130.49 | 10.023 | 0.0 | 74.85 | 13.2 | 0.0 | 1.439 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.139 | 0.0 |
| 159 | 8284 | 8285 | SN | 1 | 0.0 | 22.865 | 6.121 | 0.0 | 25.838 | 7.214 | 0.0 | 118.368 | 2.61 | 0.0 | 163.043 | 3.201 | 0.0 | 1.43 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.137 | 0.0 |
| 160 | 8284 | 8285 | SN | 1 | 0.0 | 31.154 | 12.591 | 0.0 | 23.814 | 12.659 | 0.0 | 135.41 | 9.97 | 0.0 | 74.574 | 13.176 | 0.0 | 1.439 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.137 | 0.0 |
| 161 | 8284 | 8285 | NS | 1 | 0.0 | 22.369 | 10.471 | 0.0 | 32.555 | 14.406 | 0.0 | 198.885 | 10.72 | 0.0 | 75.875 | 13.315 | 0.0 | 1.395 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.121 | 0.0 |
| 162 | 8284 | 8285 | NS | 1 | 0.0 | 22.369 | 10.471 | 0.0 | 32.55 | 14.406 | 0.0 | 198.885 | 10.727 | 0.0 | 75.875 | 13.308 | 0.0 | 1.396 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.121 | 0.0 |
| 163 | 8284 | 8285 | NS | 1 | 0.0 | 24.586 | 5.828 | 0.0 | 24.227 | 7.145 | 0.0 | 176.29 | 2.382 | 0.0 | 53.81 | 3.537 | 0.0 | 1.413 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.125 | 0.0 |
| 164 | 8284 | 8285 | NS | 1 | 0.0 | 24.586 | 5.821 | 0.0 | 24.227 | 7.147 | 0.0 | 176.29 | 2.382 | 0.0 | 53.815 | 3.539 | 0.0 | 1.413 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.125 | 0.0 |
| 165 | 8285 | 8286 | NS | 1 | 0.0 | 161.948 | 5.815 | 0.0 | 24.227 | 7.143 | 0.0 | 178.237 | 2.369 | 0.0 | 52.668 | 3.5 | 0.0 | 1.413 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.126 | 0.0 |
| 166 | 8285 | 8286 | NS | 1 | 0.0 | 151.505 | 10.53 | 0.0 | 32.572 | 14.367 | 0.0 | 132.782 | 10.677 | 0.0 | 74.706 | 13.284 | 0.0 | 1.396 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.123 | 0.0 |
| 167 | 8285 | 8286 | SN | 1 | 0.0 | 31.11 | 12.567 | 0.0 | 23.819 | 12.671 | 0.0 | 136.397 | 10.016 | 0.0 | 64.283 | 13.105 | 0.0 | 1.439 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.137 | 0.0 |
| 168 | 8285 | 8286 | NS | 1 | 0.0 | 151.505 | 10.55 | 0.0 | 32.572 | 14.377 | 0.0 | 132.799 | 10.669 | 0.0 | 74.701 | 13.284 | 0.0 | 1.396 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.123 | 0.0 |
| 169 | 8285 | 8286 | NS | 1 | 0.0 | 161.953 | 5.817 | 0.0 | 24.227 | 7.148 | 0.0 | 178.237 | 2.371 | 0.0 | 52.668 | 3.498 | 0.0 | 1.413 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.126 | 0.0 |
| 170 | 8285 | 8286 | SN | 1 | 0.0 | 22.865 | 6.131 | 0.0 | 25.849 | 7.192 | 0.0 | 135.746 | 2.638 | 0.0 | 114.533 | 3.173 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.136 | 0.0 |
| 171 | 8286 | 8287 | NS | 1 | 0.0 | 42.601 | 10.549 | 0.0 | 32.583 | 14.428 | 0.0 | 144.854 | 10.762 | 0.0 | 70.289 | 13.312 | 0.0 | 1.395 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.125 | 0.0 |
| 172 | 8286 | 8287 | NS | 1 | 0.0 | 68.212 | 5.826 | 0.0 | 24.227 | 7.152 | 0.0 | 144.551 | 2.405 | 0.0 | 52.95 | 3.494 | 0.0 | 1.413 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.125 | 0.0 |

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