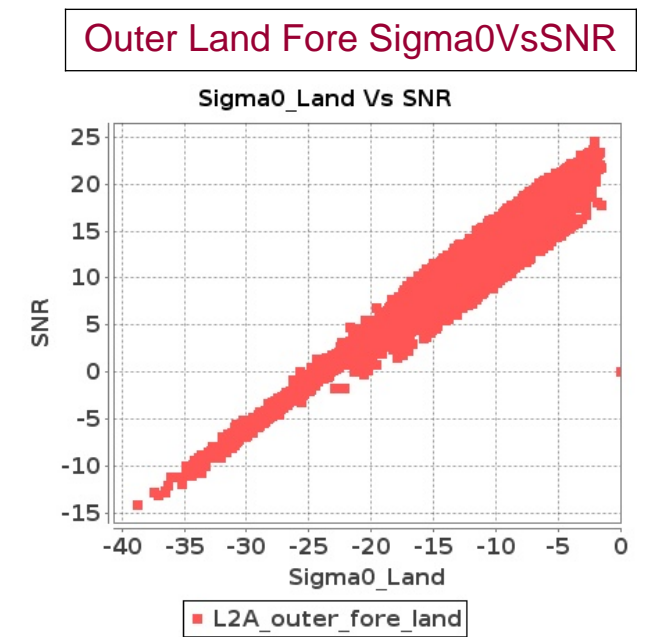
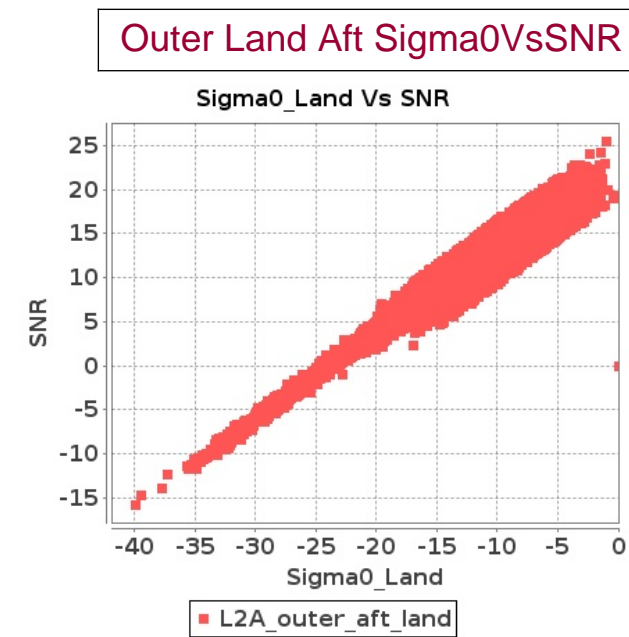
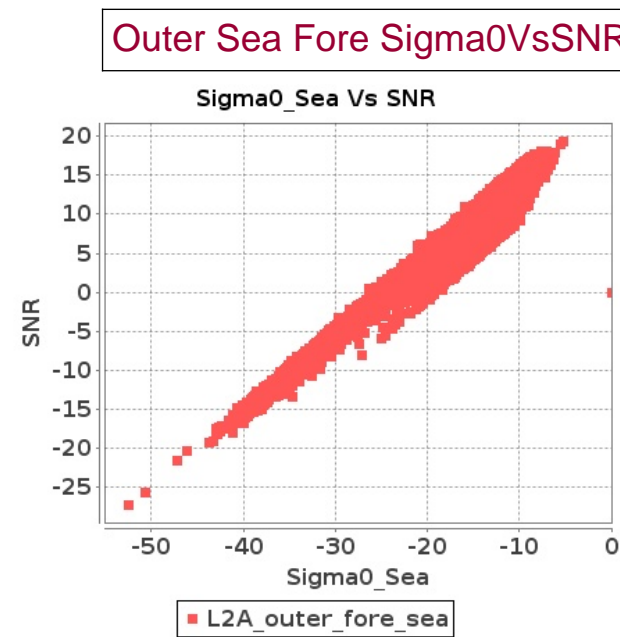
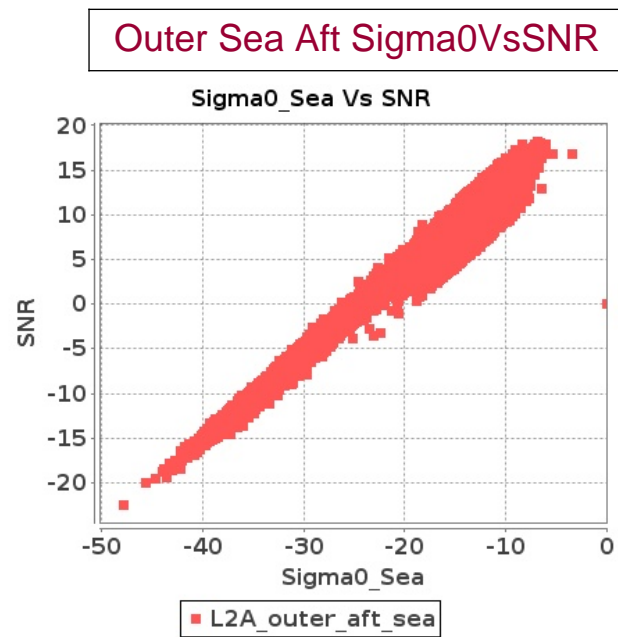
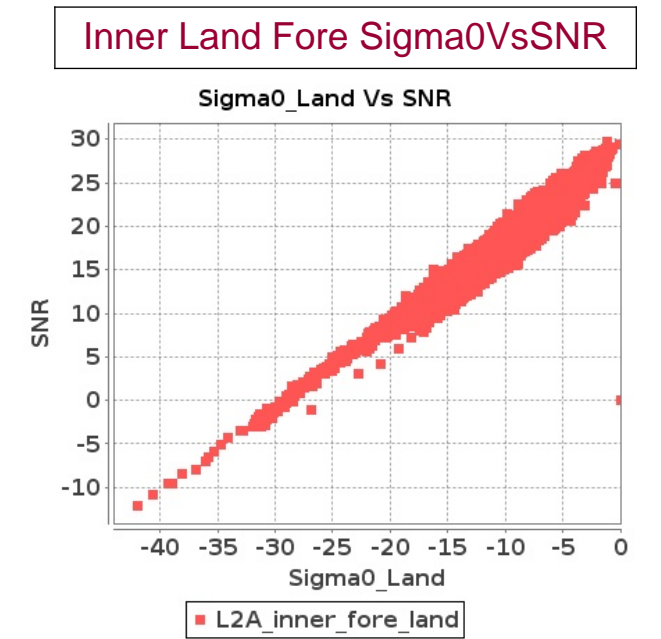
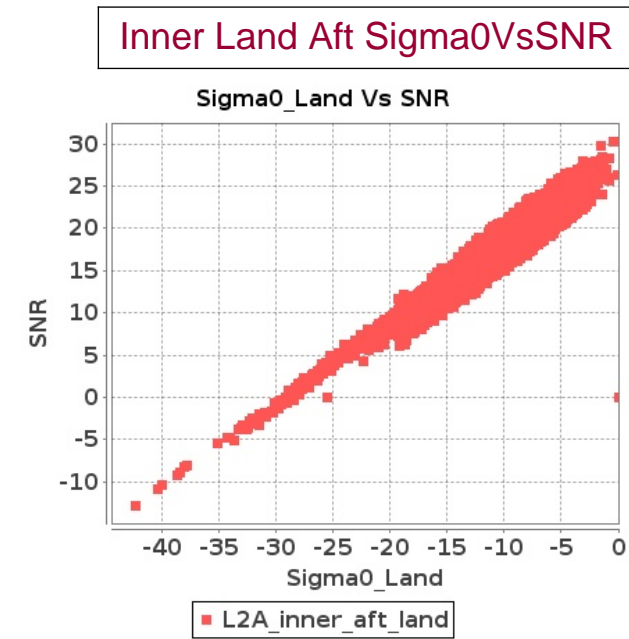
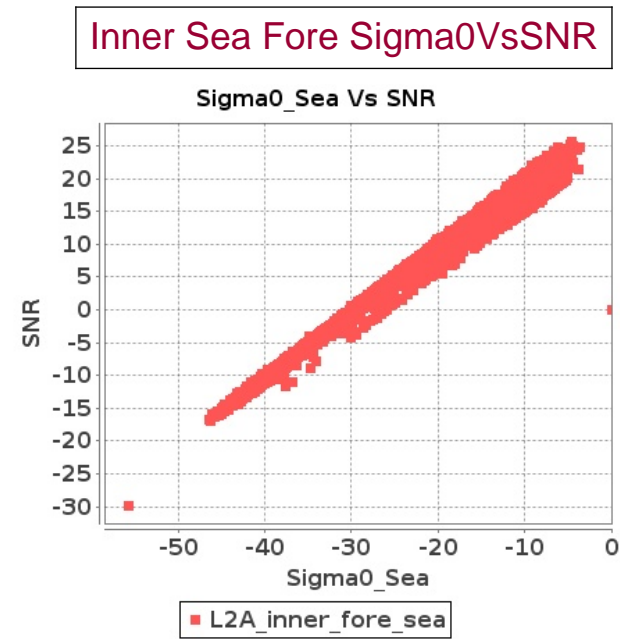
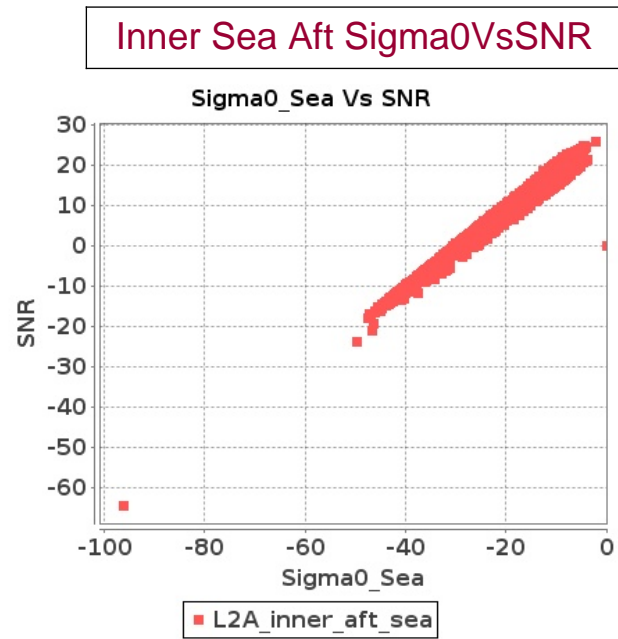


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 05-JAN-2017 To 06-JAN-2017



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

Report between 05-JAN-2017 To 06-JAN-2017

| 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 | 1462 | 1463 | SN | 1 | 0.0 | 55.469 | 1.219 | 0.0 | 51.111 | 1.565 | 0.0 | 46.783 | 1.439 | 0.0 | 50.783 | 2.176 | 0.0 | 53.252 | 1.152 | 0.0 | 50.609 | 1.24 | 0.0 | 45.514 | 1.409 | 0.0 | 50.938 | 1.443 |
| 2 | 1462 | 1463 | SN | 1 | 0.0 | 39.738 | 4.195 | 0.0 | 56.874 | 5.213 | 0.0 | 48.882 | 4.246 | 0.0 | 44.937 | 6.06 | 0.0 | 41.432 | 3.782 | 0.0 | 56.329 | 4.018 | 0.0 | 53.271 | 4.246 | 0.0 | 44.833 | 4.088 |
| 3 | 1462 | 1463 | SN | 1 | 0.0 | 39.738 | 4.195 | 0.0 | 56.874 | 5.213 | 0.0 | 48.882 | 4.246 | 0.0 | 44.937 | 6.06 | 0.0 | 41.432 | 3.782 | 0.0 | 56.329 | 4.018 | 0.0 | 53.271 | 4.246 | 0.0 | 44.833 | 4.088 |
| 4 | 1462 | 1463 | SN | 1 | 0.0 | 39.738 | 4.195 | 0.0 | 56.874 | 5.213 | 0.0 | 48.882 | 4.246 | 0.0 | 44.937 | 6.06 | 0.0 | 41.432 | 3.782 | 0.0 | 56.329 | 4.018 | 0.0 | 53.271 | 4.246 | 0.0 | 44.833 | 4.088 |
| 5 | 1462 | 1463 | SN | 1 | 0.0 | 55.469 | 1.219 | 0.0 | 51.111 | 1.565 | 0.0 | 46.783 | 1.439 | 0.0 | 50.783 | 2.176 | 0.0 | 53.252 | 1.152 | 0.0 | 50.609 | 1.24 | 0.0 | 45.514 | 1.409 | 0.0 | 50.938 | 1.443 |
| 6 | 1462 | 1463 | SN | 1 | 0.0 | 55.469 | 1.219 | 0.0 | 51.111 | 1.565 | 0.0 | 46.783 | 1.439 | 0.0 | 50.783 | 2.176 | 0.0 | 53.252 | 1.152 | 0.0 | 50.609 | 1.24 | 0.0 | 45.514 | 1.409 | 0.0 | 50.938 | 1.443 |
| 7 | 1463 | 1464 | NS | 1 | 0.0 | 55.052 | 6.62 | 0.0 | 57.134 | 8.048 | 0.0 | 55.721 | 4.863 | 0.0 | 63.068 | 6.611 | 0.0 | 57.062 | 6.148 | 0.0 | 54.729 | 6.719 | 0.0 | 54.446 | 4.657 | 0.0 | 62.118 | 4.536 |
| 8 | 1463 | 1464 | NS | 1 | 0.0 | 55.052 | 6.62 | 0.0 | 57.134 | 8.048 | 0.0 | 55.721 | 4.863 | 0.0 | 63.068 | 6.611 | 0.0 | 57.062 | 6.148 | 0.0 | 54.729 | 6.719 | 0.0 | 54.446 | 4.657 | 0.0 | 62.118 | 4.536 |
| 9 | 1463 | 1464 | SN | 1 | 0.0 | 54.837 | 5.271 | 0.0 | 54.478 | 6.23 | 0.0 | 49.351 | 4.357 | 0.0 | 59.533 | 6.184 | 0.0 | 53.957 | 5.448 | 0.0 | 54.387 | 5.88 | 0.0 | 47.055 | 4.478 | 0.0 | 57.431 | 4.996 |
| 10 | 1463 | 1464 | SN | 1 | 0.0 | 54.837 | 5.271 | 0.0 | 54.478 | 6.23 | 0.0 | 49.351 | 4.357 | 0.0 | 59.533 | 6.184 | 0.0 | 53.957 | 5.448 | 0.0 | 54.387 | 5.88 | 0.0 | 47.055 | 4.478 | 0.0 | 57.431 | 4.996 |
| 11 | 1463 | 1464 | SN | 1 | 0.0 | 47.388 | 1.628 | 0.0 | 45.971 | 1.676 | 0.0 | 46.627 | 1.358 | 0.0 | 51.941 | 1.937 | 0.0 | 48.682 | 1.644 | 0.0 | 47.377 | 1.58 | 0.0 | 44.343 | 1.397 | 0.0 | 50.012 | 1.447 |
| 12 | 1463 | 1464 | NS | 1 | 0.0 | 55.895 | 1.932 | 0.0 | 53.945 | 2.049 | 0.0 | 49.547 | 1.37 | 0.0 | 48.353 | 2.043 | 0.0 | 52.808 | 1.764 | 0.0 | 55.235 | 1.64 | 0.0 | 51.842 | 1.226 | 0.0 | 44.032 | 1.18 |
| 13 | 1463 | 1464 | SN | 1 | 0.0 | 47.388 | 1.628 | 0.0 | 45.971 | 1.676 | 0.0 | 46.627 | 1.358 | 0.0 | 51.941 | 1.937 | 0.0 | 48.682 | 1.644 | 0.0 | 47.377 | 1.58 | 0.0 | 44.343 | 1.397 | 0.0 | 50.012 | 1.447 |
| 14 | 1463 | 1464 | SN | 1 | 0.0 | 47.388 | 1.628 | 0.0 | 45.971 | 1.676 | 0.0 | 46.627 | 1.358 | 0.0 | 51.941 | 1.937 | 0.0 | 48.682 | 1.644 | 0.0 | 47.377 | 1.58 | 0.0 | 44.343 | 1.397 | 0.0 | 50.012 | 1.447 |
| 15 | 1463 | 1464 | SN | 1 | 0.0 | 54.837 | 5.271 | 0.0 | 54.478 | 6.23 | 0.0 | 49.351 | 4.357 | 0.0 | 59.533 | 6.184 | 0.0 | 53.957 | 5.448 | 0.0 | 54.387 | 5.88 | 0.0 | 47.055 | 4.478 | 0.0 | 57.431 | 4.996 |
| 16 | 1463 | 1464 | NS | 1 | 0.0 | 55.895 | 1.932 | 0.0 | 53.945 | 2.049 | 0.0 | 49.547 | 1.37 | 0.0 | 48.353 | 2.043 | 0.0 | 52.808 | 1.764 | 0.0 | 55.235 | 1.64 | 0.0 | 51.842 | 1.226 | 0.0 | 44.032 | 1.18 |
| 17 | 1463 | 1464 | NS | 1 | 0.0 | 55.895 | 1.932 | 0.0 | 53.945 | 2.049 | 0.0 | 49.547 | 1.37 | 0.0 | 48.353 | 2.043 | 0.0 | 52.808 | 1.764 | 0.0 | 55.235 | 1.64 | 0.0 | 51.842 | 1.226 | 0.0 | 44.032 | 1.18 |
| 18 | 1463 | 1464 | NS | 1 | 0.0 | 55.052 | 6.62 | 0.0 | 57.134 | 8.048 | 0.0 | 55.721 | 4.863 | 0.0 | 63.068 | 6.611 | 0.0 | 57.062 | 6.148 | 0.0 | 54.729 | 6.719 | 0.0 | 54.446 | 4.657 | 0.0 | 62.118 | 4.536 |
| 19 | 1464 | 1465 | SN | 1 | 0.0 | 58.484 | 1.864 | 0.0 | 47.754 | 2.263 | 0.0 | 62.997 | 1.819 | 0.0 | 46.285 | 2.507 | 0.0 | 61.9 | 1.891 | 0.0 | 48.113 | 1.996 | 0.0 | 61.24 | 1.992 | 0.0 | 47.776 | 1.836 |
| 20 | 1464 | 1465 | NS | 1 | 0.0 | 43.817 | 0.726 | 0.0 | 44.931 | 0.946 | 0.0 | 42.951 | 0.644 | 0.0 | 52.398 | 1.374 | 0.0 | 44.144 | 0.606 | 0.0 | 42.681 | 0.681 | 0.0 | 41.01 | 0.532 | 0.0 | 50.124 | 0.668 |
| 21 | 1464 | 1465 | NS | 1 | 0.0 | 47.714 | 2.571 | 0.0 | 50.575 | 3.392 | 0.0 | 53.085 | 2.183 | 0.0 | 50.61 | 3.824 | 0.0 | 46.548 | 2.335 | 0.0 | 52.82 | 2.664 | 0.0 | 54.807 | 1.905 | 0.0 | 46.506 | 2.191 |
| 22 | 1464 | 1465 | NS | 1 | 0.0 | 43.817 | 0.726 | 0.0 | 44.931 | 0.946 | 0.0 | 42.951 | 0.644 | 0.0 | 52.398 | 1.374 | 0.0 | 44.144 | 0.606 | 0.0 | 42.681 | 0.681 | 0.0 | 41.01 | 0.532 | 0.0 | 50.124 | 0.668 |
| 23 | 1464 | 1465 | SN | 1 | 0.0 | 57.889 | 5.81 | 0.0 | 55.774 | 6.341 | 0.0 | 54.326 | 5.209 | 0.0 | 51.784 | 6.969 | 0.0 | 56.379 | 5.861 | 0.0 | 55.107 | 5.974 | 0.0 | 58.311 | 5.592 | 0.0 | 56.779 | 5.306 |
| 24 | 1464 | 1465 | NS | 1 | 0.0 | 43.817 | 0.726 | 0.0 | 44.931 | 0.946 | 0.0 | 42.951 | 0.644 | 0.0 | 52.398 | 1.374 | 0.0 | 44.144 | 0.606 | 0.0 | 42.681 | 0.681 | 0.0 | 41.01 | 0.532 | 0.0 | 50.124 | 0.668 |
| 25 | 1464 | 1465 | SN | 1 | 0.0 | 58.484 | 1.864 | 0.0 | 47.754 | 2.263 | 0.0 | 62.997 | 1.819 | 0.0 | 46.285 | 2.507 | 0.0 | 61.9 | 1.891 | 0.0 | 48.113 | 1.996 | 0.0 | 61.24 | 1.992 | 0.0 | 47.776 | 1.836 |
| 26 | 1464 | 1465 | NS | 1 | 0.0 | 47.714 | 2.571 | 0.0 | 50.575 | 3.392 | 0.0 | 53.085 | 2.183 | 0.0 | 50.61 | 3.824 | 0.0 | 46.548 | 2.335 | 0.0 | 52.82 | 2.664 | 0.0 | 54.807 | 1.905 | 0.0 | 46.506 | 2.191 |
| 27 | 1464 | 1465 | SN | 1 | 0.0 | 58.484 | 1.864 | 0.0 | 47.754 | 2.263 | 0.0 | 62.997 | 1.819 | 0.0 | 46.285 | 2.507 | 0.0 | 61.9 | 1.891 | 0.0 | 48.113 | 1.996 | 0.0 | 61.24 | 1.992 | 0.0 | 47.776 | 1.836 |
| 28 | 1464 | 1465 | NS | 1 | 0.0 | 47.714 | 2.571 | 0.0 | 50.575 | 3.392 | 0.0 | 53.085 | 2.183 | 0.0 | 50.61 | 3.824 | 0.0 | 46.548 | 2.335 | 0.0 | 52.82 | 2.664 | 0.0 | 54.807 | 1.905 | 0.0 | 46.506 | 2.191 |
| 29 | 1464 | 1465 | SN | 1 | 0.0 | 57.889 | 5.81 | 0.0 | 55.774 | 6.341 | 0.0 | 54.326 | 5.209 | 0.0 | 51.784 | 6.969 | 0.0 | 56.379 | 5.861 | 0.0 | 55.107 | 5.974 | 0.0 | 58.311 | 5.592 | 0.0 | 56.779 | 5.306 |
| 30 | 1464 | 1465 | SN | 1 | 0.0 | 57.889 | 5.81 | 0.0 | 55.774 | 6.341 | 0.0 | 54.326 | 5.209 | 0.0 | 51.784 | 6.969 | 0.0 | 56.379 | 5.861 | 0.0 | 55.107 | 5.974 | 0.0 | 58.311 | 5.592 | 0.0 | 56.779 | 5.306 |
| 31 | 1465 | 1466 | SN | 1 | 0.0 | 48.48 | 2.155 | 0.0 | 52.903 | 2.654 | 0.0 | 50.359 | 2.341 | 0.0 | 48.237 | 3.401 | 0.0 | 49.765 | 2.11 | 0.0 | 52.358 | 2.283 | 0.0 | 48.993 | 2.313 | 0.0 | 50.274 | 2.426 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 32 | 1465 | 1466 | SN | 1 | 0.0 | 48.48 | 2.155 | 0.0 | 52.903 | 2.654 | 0.0 | 50.359 | 2.341 | 0.0 | 48.237 | 3.401 | 0.0 | 49.765 | 2.11 | 0.0 | 52.358 | 2.283 | 0.0 | 48.993 | 2.313 | 0.0 | 50.274 | 2.426 |
| 33 | 1465 | 1466 | NS | 1 | 0.0 | 55.127 | 5.336 | 0.0 | 57.664 | 6.274 | 0.0 | 48.54 | 4.479 | 0.0 | 45.51 | 6.317 | 0.0 | 53.697 | 5.353 | 0.0 | 58.067 | 5.927 | 0.0 | 51.252 | 4.721 | 0.0 | 44.6 | 4.946 |
| 34 | 1465 | 1466 | NS | 1 | 0.0 | 54.697 | 1.595 | 0.0 | 47.304 | 2.071 | 0.0 | 44.428 | 1.52 | 0.0 | 45.199 | 2.193 | 0.0 | 52.392 | 1.576 | 0.0 | 49.414 | 1.914 | 0.0 | 46.354 | 1.497 | 0.0 | 44.068 | 1.625 |
| 35 | 1465 | 1466 | SN | 1 | 0.0 | 48.48 | 2.155 | 0.0 | 52.903 | 2.654 | 0.0 | 50.359 | 2.341 | 0.0 | 48.237 | 3.401 | 0.0 | 49.765 | 2.11 | 0.0 | 52.358 | 2.283 | 0.0 | 48.993 | 2.313 | 0.0 | 50.274 | 2.426 |
| 36 | 1465 | 1466 | SN | 1 | 0.0 | 50.926 | 6.517 | 0.0 | 50.106 | 7.304 | 0.0 | 51.602 | 6.343 | 0.0 | 50.298 | 8.625 | 0.0 | 52.994 | 6.366 | 0.0 | 48.111 | 6.34 | 0.0 | 52.821 | 6.719 | 0.0 | 47.335 | 6.659 |
| 37 | 1465 | 1466 | SN | 1 | 0.0 | 50.926 | 6.517 | 0.0 | 50.106 | 7.304 | 0.0 | 51.602 | 6.343 | 0.0 | 50.298 | 8.625 | 0.0 | 52.994 | 6.366 | 0.0 | 48.111 | 6.34 | 0.0 | 52.821 | 6.719 | 0.0 | 47.335 | 6.659 |
| 38 | 1465 | 1466 | SN | 1 | 0.0 | 50.926 | 6.517 | 0.0 | 50.106 | 7.304 | 0.0 | 51.602 | 6.343 | 0.0 | 50.298 | 8.625 | 0.0 | 52.994 | 6.366 | 0.0 | 48.111 | 6.34 | 0.0 | 52.821 | 6.719 | 0.0 | 47.335 | 6.659 |
| 39 | 1465 | 1466 | NS | 1 | 0.0 | 54.697 | 1.595 | 0.0 | 47.304 | 2.071 | 0.0 | 44.428 | 1.52 | 0.0 | 45.199 | 2.193 | 0.0 | 52.392 | 1.576 | 0.0 | 49.414 | 1.914 | 0.0 | 46.354 | 1.497 | 0.0 | 44.068 | 1.625 |
| 40 | 1465 | 1466 | NS | 1 | 0.0 | 55.127 | 5.336 | 0.0 | 57.664 | 6.274 | 0.0 | 48.54 | 4.479 | 0.0 | 45.51 | 6.317 | 0.0 | 53.697 | 5.353 | 0.0 | 58.067 | 5.927 | 0.0 | 51.252 | 4.721 | 0.0 | 44.6 | 4.946 |
| 41 | 1465 | 1466 | NS | 1 | 0.0 | 55.127 | 5.336 | 0.0 | 57.664 | 6.274 | 0.0 | 48.54 | 4.479 | 0.0 | 45.51 | 6.317 | 0.0 | 53.697 | 5.353 | 0.0 | 58.067 | 5.927 | 0.0 | 51.252 | 4.721 | 0.0 | 44.6 | 4.946 |
| 42 | 1465 | 1466 | NS | 1 | 0.0 | 54.697 | 1.595 | 0.0 | 47.304 | 2.071 | 0.0 | 44.428 | 1.52 | 0.0 | 45.199 | 2.193 | 0.0 | 52.392 | 1.576 | 0.0 | 49.414 | 1.914 | 0.0 | 46.354 | 1.497 | 0.0 | 44.068 | 1.625 |
| 43 | 1466 | 1467 | SN | 1 | 0.0 | 56.495 | 3.032 | 0.0 | 52.924 | 3.461 | 0.0 | 57.862 | 2.73 | 0.0 | 53.624 | 4.047 | 0.0 | 58.028 | 3.267 | 0.0 | 53.973 | 3.228 | 0.0 | 55.793 | 3.028 | 0.0 | 55.07 | 3.146 |
| 44 | 1466 | 1467 | NS | 1 | 0.0 | 51.235 | 7.951 | 0.0 | 57.536 | 9.482 | 0.0 | 48.734 | 6.249 | 0.0 | 50.932 | 8.247 | 0.0 | 52.109 | 8.162 | 0.0 | 58.766 | 8.72 | 0.0 | 49.106 | 6.697 | 0.0 | 49.255 | 6.706 |
| 45 | 1466 | 1467 | SN | 1 | 0.0 | 60.851 | 9.089 | 0.0 | 53.825 | 10.359 | 0.0 | 51.291 | 7.434 | 0.0 | 56.332 | 9.942 | 0.0 | 62.346 | 9.577 | 0.0 | 51.446 | 9.489 | 0.0 | 52.135 | 8.598 | 0.0 | 57.12 | 8.279 |
| 46 | 1466 | 1467 | SN | 1 | 0.0 | 56.495 | 2.962 | 0.0 | 52.924 | 3.425 | 0.0 | 57.862 | 2.666 | 0.0 | 53.624 | 3.998 | 0.0 | 58.028 | 3.192 | 0.0 | 53.973 | 3.194 | 0.0 | 55.793 | 2.957 | 0.0 | 55.07 | 3.114 |
| 47 | 1466 | 1467 | NS | 1 | 0.0 | 49.388 | 2.375 | 0.0 | 48.683 | 2.862 | 0.0 | 50.216 | 1.884 | 0.0 | 49.385 | 2.631 | 0.0 | 48.135 | 2.451 | 0.0 | 48.699 | 2.605 | 0.0 | 50.721 | 2.057 | 0.0 | 47.467 | 1.994 |
| 48 | 1466 | 1467 | NS | 1 | 0.0 | 51.235 | 7.951 | 0.0 | 57.536 | 9.482 | 0.0 | 48.734 | 6.249 | 0.0 | 50.932 | 8.247 | 0.0 | 52.109 | 8.162 | 0.0 | 58.766 | 8.72 | 0.0 | 49.106 | 6.697 | 0.0 | 49.255 | 6.706 |
| 49 | 1466 | 1467 | SN | 1 | 0.0 | 60.851 | 9.089 | 0.0 | 53.825 | 10.359 | 0.0 | 51.291 | 7.434 | 0.0 | 56.332 | 9.942 | 0.0 | 62.346 | 9.577 | 0.0 | 51.446 | 9.489 | 0.0 | 52.135 | 8.598 | 0.0 | 57.12 | 8.279 |
| 50 | 1466 | 1467 | SN | 1 | 0.0 | 60.851 | 9.089 | 0.0 | 53.825 | 10.359 | 0.0 | 51.291 | 7.434 | 0.0 | 56.332 | 9.942 | 0.0 | 62.346 | 9.577 | 0.0 | 51.446 | 9.489 | 0.0 | 52.135 | 8.598 | 0.0 | 57.12 | 8.279 |
| 51 | 1466 | 1467 | NS | 1 | 0.0 | 49.388 | 2.375 | 0.0 | 48.683 | 2.862 | 0.0 | 50.216 | 1.884 | 0.0 | 49.385 | 2.631 | 0.0 | 48.135 | 2.451 | 0.0 | 48.699 | 2.605 | 0.0 | 50.721 | 2.057 | 0.0 | 47.467 | 1.994 |
| 52 | 1466 | 1467 | NS | 1 | 0.0 | 49.388 | 2.375 | 0.0 | 48.683 | 2.862 | 0.0 | 50.216 | 1.884 | 0.0 | 49.385 | 2.631 | 0.0 | 48.135 | 2.451 | 0.0 | 48.699 | 2.605 | 0.0 | 50.721 | 2.057 | 0.0 | 47.467 | 1.994 |
| 53 | 1466 | 1467 | NS | 1 | 0.0 | 51.235 | 7.951 | 0.0 | 57.536 | 9.482 | 0.0 | 48.734 | 6.249 | 0.0 | 50.932 | 8.247 | 0.0 | 52.109 | 8.162 | 0.0 | 58.766 | 8.72 | 0.0 | 49.106 | 6.697 | 0.0 | 49.255 | 6.706 |
| 54 | 1466 | 1467 | SN | 1 | 0.0 | 56.495 | 2.962 | 0.0 | 52.924 | 3.425 | 0.0 | 57.862 | 2.666 | 0.0 | 53.624 | 3.998 | 0.0 | 58.028 | 3.192 | 0.0 | 53.973 | 3.194 | 0.0 | 55.793 | 2.957 | 0.0 | 55.07 | 3.114 |
| 55 | 1466 | 1467 | SN | 1 | 0.0 | 60.851 | 9.301 | 0.0 | 53.825 | 10.484 | 0.0 | 51.291 | 7.62 | 0.0 | 56.332 | 10.06 | 0.0 | 62.346 | 9.801 | 0.0 | 51.446 | 9.603 | 0.0 | 52.135 | 8.805 | 0.0 | 57.12 | 8.377 |
| 56 | 1466 | 1467 | SN | 1 | 0.0 | 56.495 | 2.962 | 0.0 | 52.924 | 3.425 | 0.0 | 57.862 | 2.666 | 0.0 | 53.624 | 3.998 | 0.0 | 58.028 | 3.192 | 0.0 | 53.973 | 3.194 | 0.0 | 55.793 | 2.957 | 0.0 | 55.07 | 3.114 |
| 57 | 1467 | 1468 | NS | 1 | 0.0 | 52.4 | 1.207 | 0.0 | 57.033 | 1.165 | 0.0 | 52.989 | 1.211 | 0.0 | 45.222 | 1.637 | 0.0 | 51.223 | 1.26 | 0.0 | 54.967 | 1.078 | 0.0 | 48.822 | 1.33 | 0.0 | 48.281 | 1.285 |
| 58 | 1467 | 1468 | SN | 1 | 0.0 | 57.061 | 5.161 | 0.0 | 50.786 | 5.859 | 0.0 | 49.668 | 5.117 | 0.0 | 44.933 | 7.02 | 0.0 | 59.725 | 4.883 | 0.0 | 51.533 | 5.177 | 0.0 | 55.232 | 5.28 | 0.0 | 47.446 | 5.222 |
| 59 | 1467 | 1468 | NS | 1 | 0.0 | 50.83 | 1.29 | 0.0 | 47.021 | 1.301 | 0.0 | 45.172 | 1.254 | 0.0 | 48.542 | 1.651 | 0.0 | 52.024 | 1.344 | 0.0 | 46.299 | 1.177 | 0.0 | 46.166 | 1.323 | 0.0 | 47.94 | 1.262 |
| 60 | 1467 | 1468 | SN | 1 | 0.0 | 55.254 | 1.674 | 0.0 | 42.742 | 1.976 | 0.0 | 46.357 | 1.819 | 0.0 | 50.992 | 2.834 | 0.0 | 52.35 | 1.662 | 0.0 | 48.288 | 1.774 | 0.0 | 43.303 | 1.862 | 0.0 | 52.603 | 1.898 |
| 61 | 1467 | 1468 | SN | 1 | 0.0 | 55.254 | 1.674 | 0.0 | 42.742 | 1.976 | 0.0 | 46.357 | 1.819 | 0.0 | 50.992 | 2.834 | 0.0 | 52.35 | 1.662 | 0.0 | 48.288 | 1.774 | 0.0 | 43.303 | 1.862 | 0.0 | 52.603 | 1.898 |
| 62 | 1467 | 1468 | SN | 1 | 0.0 | 57.061 | 5.341 | 0.0 | 50.786 | 5.992 | 0.0 | 49.668 | 5.287 | 0.0 | 44.933 | 7.246 | 0.0 | 59.725 | 5.054 | 0.0 | 51.533 | 5.294 | 0.0 | 55.232 | 5.471 | 0.0 | 47.446 | 5.363 |
| 63 | 1467 | 1468 | NS | 1 | 0.0 | 52.21 | 4.415 | 0.0 | 56.934 | 4.549 | 0.0 | 46.792 | 4.243 | 0.0 | 47.188 | 4.984 | 0.0 | 55.669 | 4.356 | 0.0 | 55.819 | 3.999 | 0.0 | 48.441 | 4.414 | 0.0 | 48.139 | 4.0 |
| 64 | 1467 | 1468 | SN | 1 | 0.0 | 57.061 | 5.161 | 0.0 | 50.786 | 5.859 | 0.0 | 49.668 | 5.117 | 0.0 | 44.933 | 7.02 | 0.0 | 59.725 | 4.883 | 0.0 | 51.533 | 5.177 | 0.0 | 55.232 | 5.28 | 0.0 | 47.446 | 5.222 |
| 65 | 1467 | 1468 | SN | 1 | 0.0 | 57.061 | 5.161 | 0.0 | 50.786 | 5.859 | 0.0 | 49.668 | 5.117 | 0.0 | 44.933 | 7.02 | 0.0 | 59.725 | 4.883 | 0.0 | 51.533 | 5.177 | 0.0 | 55.232 | 5.28 | 0.0 | 47.446 | 5.222 |
| 66 | 1467 | 1468 | NS | 1 | 0.0 | 52.4 | 1.207 | 0.0 | 57.033 | 1.165 | 0.0 | 52.989 | 1.211 | 0.0 | 45.222 | 1.637 | 0.0 | 51.223 | 1.26 | 0.0 | 54.967 | 1.078 | 0.0 | 48.822 | 1.33 | 0.0 | 48.281 | 1.285 |
| 67 | 1467 | 1468 | NS | 1 | 0.0 | 52.459 | 4.646 | 0.0 | 56.993 | 4.598 | 0.0 | 60.05 | 4.201 | 0.0 | 46.863 | 4.833 | 0.0 | 52.481 | 4.494 | 0.0 | 54.127 | 4.142 | 0.0 | 65.508 | 4.336 | 0.0 | 47.615 | 3.97 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 1467 | 1468 | NS | 1 | 0.0 | 50.83 | 1.29 | 0.0 | 47.021 | 1.301 | 0.0 | 45.172 | 1.254 | 0.0 | 48.542 | 1.651 | 0.0 | 52.024 | 1.344 | 0.0 | 46.299 | 1.177 | 0.0 | 46.166 | 1.323 | 0.0 | 47.94 | 1.262 |
| 69 | 1467 | 1468 | SN | 1 | 0.0 | 55.254 | 1.674 | 0.0 | 42.742 | 1.976 | 0.0 | 46.357 | 1.819 | 0.0 | 50.992 | 2.834 | 0.0 | 52.35 | 1.662 | 0.0 | 48.288 | 1.774 | 0.0 | 43.303 | 1.862 | 0.0 | 52.603 | 1.898 |
| 70 | 1467 | 1468 | SN | 1 | 0.0 | 55.254 | 1.734 | 0.0 | 42.742 | 2.023 | 0.0 | 46.357 | 1.882 | 0.0 | 50.992 | 2.911 | 0.0 | 52.35 | 1.72 | 0.0 | 48.288 | 1.816 | 0.0 | 43.303 | 1.928 | 0.0 | 52.603 | 1.949 |
| 71 | 1467 | 1468 | NS | 1 | 0.0 | 52.459 | 4.646 | 0.0 | 56.993 | 4.598 | 0.0 | 60.05 | 4.201 | 0.0 | 46.863 | 4.833 | 0.0 | 52.481 | 4.494 | 0.0 | 54.127 | 4.142 | 0.0 | 65.508 | 4.336 | 0.0 | 47.615 | 3.97 |
| 72 | 1467 | 1468 | NS | 1 | 0.0 | 52.21 | 4.415 | 0.0 | 56.934 | 4.549 | 0.0 | 46.792 | 4.243 | 0.0 | 47.188 | 4.984 | 0.0 | 55.669 | 4.356 | 0.0 | 55.819 | 3.999 | 0.0 | 48.441 | 4.414 | 0.0 | 48.139 | 4.0 |
| 73 | 1468 | 1469 | SN | 1 | 0.0 | 50.567 | 2.336 | 0.0 | 44.889 | 2.577 | 0.0 | 59.351 | 2.305 | 0.0 | 55.991 | 3.313 | 0.0 | 54.064 | 2.126 | 0.0 | 46.231 | 2.128 | 0.0 | 60.416 | 2.276 | 0.0 | 51.47 | 2.249 |
| 74 | 1468 | 1469 | SN | 1 | 0.0 | 59.703 | 7.536 | 0.0 | 48.599 | 8.468 | 0.0 | 59.228 | 7.083 | 0.0 | 58.141 | 9.386 | 0.0 | 64.456 | 7.149 | 0.0 | 48.076 | 7.385 | 0.0 | 61.104 | 7.345 | 0.0 | 59.229 | 6.825 |
| 75 | 1468 | 1469 | NS | 1 | 0.0 | 46.552 | 1.201 | 0.0 | 46.996 | 1.615 | 0.0 | 46.077 | 1.309 | 0.0 | 55.793 | 2.224 | 0.0 | 46.168 | 1.075 | 0.0 | 43.769 | 1.291 | 0.0 | 49.739 | 1.226 | 0.0 | 50.703 | 1.229 |
| 76 | 1468 | 1469 | SN | 1 | 0.0 | 50.567 | 2.336 | 0.0 | 44.889 | 2.577 | 0.0 | 59.351 | 2.305 | 0.0 | 55.991 | 3.313 | 0.0 | 54.064 | 2.126 | 0.0 | 46.231 | 2.128 | 0.0 | 60.416 | 2.276 | 0.0 | 51.47 | 2.249 |
| 77 | 1468 | 1469 | NS | 1 | 0.0 | 45.339 | 4.478 | 0.0 | 50.672 | 5.587 | 0.0 | 44.487 | 4.059 | 0.0 | 55.166 | 6.258 | 0.0 | 45.419 | 4.132 | 0.0 | 55.826 | 4.564 | 0.0 | 49.779 | 3.817 | 0.0 | 50.726 | 4.099 |
| 78 | 1468 | 1469 | NS | 1 | 0.0 | 45.339 | 4.478 | 0.0 | 50.672 | 5.587 | 0.0 | 44.487 | 4.059 | 0.0 | 55.166 | 6.258 | 0.0 | 45.419 | 4.132 | 0.0 | 55.826 | 4.564 | 0.0 | 49.779 | 3.817 | 0.0 | 50.726 | 4.099 |
| 79 | 1468 | 1469 | NS | 1 | 0.0 | 46.552 | 1.201 | 0.0 | 46.996 | 1.615 | 0.0 | 46.077 | 1.309 | 0.0 | 55.793 | 2.224 | 0.0 | 46.168 | 1.075 | 0.0 | 43.769 | 1.291 | 0.0 | 49.739 | 1.226 | 0.0 | 50.703 | 1.229 |
| 80 | 1468 | 1469 | SN | 1 | 0.0 | 59.703 | 7.536 | 0.0 | 48.599 | 8.468 | 0.0 | 59.228 | 7.083 | 0.0 | 58.141 | 9.386 | 0.0 | 64.456 | 7.149 | 0.0 | 48.076 | 7.385 | 0.0 | 61.104 | 7.345 | 0.0 | 59.229 | 6.825 |
| 81 | 1468 | 1469 | NS | 1 | 0.0 | 46.552 | 1.201 | 0.0 | 46.996 | 1.615 | 0.0 | 46.077 | 1.309 | 0.0 | 55.793 | 2.224 | 0.0 | 46.168 | 1.075 | 0.0 | 43.769 | 1.291 | 0.0 | 49.739 | 1.226 | 0.0 | 50.703 | 1.229 |
| 82 | 1468 | 1469 | NS | 1 | 0.0 | 45.339 | 4.478 | 0.0 | 50.672 | 5.587 | 0.0 | 44.487 | 4.059 | 0.0 | 55.166 | 6.258 | 0.0 | 45.419 | 4.132 | 0.0 | 55.826 | 4.564 | 0.0 | 49.779 | 3.817 | 0.0 | 50.726 | 4.099 |
| 83 | 1468 | 1469 | SN | 1 | 0.0 | 50.567 | 2.336 | 0.0 | 44.889 | 2.577 | 0.0 | 59.351 | 2.305 | 0.0 | 55.991 | 3.313 | 0.0 | 54.064 | 2.126 | 0.0 | 46.231 | 2.128 | 0.0 | 60.416 | 2.276 | 0.0 | 51.47 | 2.249 |
| 84 | 1468 | 1469 | SN | 1 | 0.0 | 59.703 | 7.536 | 0.0 | 48.599 | 8.468 | 0.0 | 59.228 | 7.083 | 0.0 | 58.141 | 9.386 | 0.0 | 64.456 | 7.149 | 0.0 | 48.076 | 7.385 | 0.0 | 61.104 | 7.345 | 0.0 | 59.229 | 6.825 |
| 85 | 1469 | 1470 | SN | 1 | 0.0 | 55.488 | 6.897 | 0.0 | 60.5 | 7.249 | 0.0 | 55.576 | 5.387 | 0.0 | 62.944 | 7.041 | 0.0 | 55.023 | 6.838 | 0.0 | 59.793 | 6.695 | 0.0 | 58.264 | 5.642 | 0.0 | 63.243 | 5.624 |
| 86 | 1469 | 1470 | SN | 1 | 0.0 | 58.537 | 1.984 | 0.0 | 51.673 | 2.108 | 0.0 | 52.98 | 1.685 | 0.0 | 51.178 | 2.425 | 0.0 | 59.761 | 2.047 | 0.0 | 52.724 | 1.946 | 0.0 | 57.039 | 1.72 | 0.0 | 51.412 | 1.801 |
| 87 | 1469 | 1470 | NS | 1 | 0.0 | 48.967 | 2.223 | 0.0 | 52.965 | 2.304 | 0.0 | 49.752 | 2.25 | 0.0 | 52.272 | 3.054 | 0.0 | 50.289 | 2.042 | 0.0 | 53.394 | 1.876 | 0.0 | 49.703 | 2.289 | 0.0 | 51.441 | 1.976 |
| 88 | 1469 | 1470 | NS | 1 | 0.0 | 48.768 | 7.441 | 0.0 | 54.631 | 7.804 | 0.0 | 50.819 | 6.545 | 0.0 | 53.475 | 8.583 | 0.0 | 47.928 | 6.885 | 0.0 | 53.566 | 6.511 | 0.0 | 51.155 | 6.737 | 0.0 | 49.749 | 6.024 |
| 89 | 1469 | 1470 | SN | 1 | 0.0 | 58.537 | 1.984 | 0.0 | 51.673 | 2.108 | 0.0 | 52.98 | 1.685 | 0.0 | 51.178 | 2.425 | 0.0 | 59.761 | 2.047 | 0.0 | 52.724 | 1.946 | 0.0 | 57.039 | 1.72 | 0.0 | 51.412 | 1.801 |
| 90 | 1469 | 1470 | NS | 1 | 0.0 | 48.768 | 7.441 | 0.0 | 54.631 | 7.804 | 0.0 | 50.819 | 6.545 | 0.0 | 53.475 | 8.583 | 0.0 | 47.928 | 6.885 | 0.0 | 53.566 | 6.511 | 0.0 | 51.155 | 6.737 | 0.0 | 49.749 | 6.024 |
| 91 | 1469 | 1470 | NS | 1 | 0.0 | 48.967 | 2.223 | 0.0 | 52.965 | 2.304 | 0.0 | 49.752 | 2.25 | 0.0 | 52.272 | 3.054 | 0.0 | 50.289 | 2.042 | 0.0 | 53.394 | 1.876 | 0.0 | 49.703 | 2.289 | 0.0 | 51.441 | 1.976 |
| 92 | 1469 | 1470 | NS | 1 | 0.0 | 48.967 | 2.223 | 0.0 | 52.965 | 2.304 | 0.0 | 49.752 | 2.25 | 0.0 | 52.272 | 3.054 | 0.0 | 50.289 | 2.042 | 0.0 | 53.394 | 1.876 | 0.0 | 49.703 | 2.289 | 0.0 | 51.441 | 1.976 |
| 93 | 1469 | 1470 | SN | 1 | 0.0 | 55.488 | 6.897 | 0.0 | 60.5 | 7.249 | 0.0 | 55.576 | 5.387 | 0.0 | 62.944 | 7.041 | 0.0 | 55.023 | 6.838 | 0.0 | 59.793 | 6.695 | 0.0 | 58.264 | 5.642 | 0.0 | 63.243 | 5.624 |
| 94 | 1469 | 1470 | NS | 1 | 0.0 | 48.768 | 7.441 | 0.0 | 54.631 | 7.804 | 0.0 | 50.819 | 6.545 | 0.0 | 53.475 | 8.583 | 0.0 | 47.928 | 6.885 | 0.0 | 53.566 | 6.511 | 0.0 | 51.155 | 6.737 | 0.0 | 49.749 | 6.024 |
| 95 | 1469 | 1470 | SN | 1 | 0.0 | 58.537 | 1.984 | 0.0 | 51.673 | 2.108 | 0.0 | 52.98 | 1.685 | 0.0 | 51.178 | 2.425 | 0.0 | 59.761 | 2.047 | 0.0 | 52.724 | 1.946 | 0.0 | 57.039 | 1.72 | 0.0 | 51.412 | 1.801 |
| 96 | 1469 | 1470 | SN | 1 | 0.0 | 55.488 | 6.897 | 0.0 | 60.5 | 7.249 | 0.0 | 55.576 | 5.387 | 0.0 | 62.944 | 7.041 | 0.0 | 55.023 | 6.838 | 0.0 | 59.793 | 6.695 | 0.0 | 58.264 | 5.642 | 0.0 | 63.243 | 5.624 |
| 97 | 1470 | 1471 | NS | 1 | 0.0 | 49.355 | 2.562 | 0.0 | 68.985 | 3.248 | 0.0 | 49.704 | 2.836 | 0.0 | 44.49 | 4.463 | 0.0 | 54.69 | 2.284 | 0.0 | 69.92 | 2.555 | 0.0 | 46.878 | 2.558 | 0.0 | 43.532 | 2.702 |
| 98 | 1470 | 1471 | SN | 1 | 0.0 | 54.473 | 5.651 | 0.0 | 56.269 | 5.322 | 0.0 | 51.011 | 4.713 | 0.0 | 55.25 | 5.818 | 0.0 | 58.245 | 5.229 | 0.0 | 56.256 | 4.46 | 0.0 | 52.684 | 4.699 | 0.0 | 51.852 | 3.855 |
| 99 | 1470 | 1471 | NS | 1 | 0.0 | 49.355 | 2.562 | 0.0 | 68.985 | 3.248 | 0.0 | 49.704 | 2.836 | 0.0 | 44.49 | 4.463 | 0.0 | 54.69 | 2.284 | 0.0 | 69.92 | 2.555 | 0.0 | 46.878 | 2.558 | 0.0 | 43.532 | 2.702 |
| 100 | 1470 | 1471 | NS | 1 | 0.0 | 45.326 | 0.745 | 0.0 | 56.294 | 1.015 | 0.0 | 47.267 | 0.917 | 0.0 | 53.833 | 1.629 | 0.0 | 45.084 | 0.671 | 0.0 | 57.319 | 0.755 | 0.0 | 45.618 | 0.871 | 0.0 | 48.721 | 0.899 |
| 101 | 1470 | 1471 | NS | 1 | 0.0 | 49.355 | 2.562 | 0.0 | 68.985 | 3.248 | 0.0 | 49.704 | 2.836 | 0.0 | 44.49 | 4.463 | 0.0 | 54.69 | 2.284 | 0.0 | 69.92 | 2.555 | 0.0 | 46.878 | 2.558 | 0.0 | 43.532 | 2.702 |
| 102 | 1470 | 1471 | NS | 1 | 0.0 | 45.326 | 0.745 | 0.0 | 56.294 | 1.015 | 0.0 | 47.267 | 0.917 | 0.0 | 53.833 | 1.629 | 0.0 | 45.084 | 0.671 | 0.0 | 57.319 | 0.755 | 0.0 | 45.618 | 0.871 | 0.0 | 48.721 | 0.899 |
| 103 | 1470 | 1471 | SN | 1 | 0.0 | 41.232 | 1.624 | 0.0 | 50.019 | 1.487 | 0.0 | 53.269 | 1.458 | 0.0 | 49.549 | 1.938 | 0.0 | 43.137 | 1.497 | 0.0 | 50.451 | 1.169 | 0.0 | 46.773 | 1.334 | 0.0 | 47.017 | 1.157 |

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

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|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 1470 | 1471 | SN | 1 | 0.0 | 41.232 | 1.624 | 0.0 | 50.019 | 1.487 | 0.0 | 53.269 | 1.458 | 0.0 | 49.549 | 1.938 | 0.0 | 43.137 | 1.497 | 0.0 | 50.451 | 1.169 | 0.0 | 46.773 | 1.334 | 0.0 | 47.017 | 1.157 |
| 105 | 1470 | 1471 | SN | 1 | 0.0 | 54.473 | 5.651 | 0.0 | 56.269 | 5.322 | 0.0 | 51.011 | 4.713 | 0.0 | 55.25 | 5.818 | 0.0 | 58.245 | 5.229 | 0.0 | 56.256 | 4.46 | 0.0 | 52.684 | 4.699 | 0.0 | 51.852 | 3.855 |
| 106 | 1470 | 1471 | SN | 1 | 0.0 | 41.232 | 1.624 | 0.0 | 50.019 | 1.487 | 0.0 | 53.269 | 1.458 | 0.0 | 49.549 | 1.938 | 0.0 | 43.137 | 1.497 | 0.0 | 50.451 | 1.169 | 0.0 | 46.773 | 1.334 | 0.0 | 47.017 | 1.157 |
| 107 | 1470 | 1471 | NS | 1 | 0.0 | 45.326 | 0.745 | 0.0 | 56.294 | 1.015 | 0.0 | 47.267 | 0.917 | 0.0 | 53.833 | 1.629 | 0.0 | 45.084 | 0.671 | 0.0 | 57.319 | 0.755 | 0.0 | 45.618 | 0.871 | 0.0 | 48.721 | 0.899 |
| 108 | 1470 | 1471 | SN | 1 | 0.0 | 54.473 | 5.651 | 0.0 | 56.269 | 5.322 | 0.0 | 51.011 | 4.713 | 0.0 | 55.25 | 5.818 | 0.0 | 58.245 | 5.229 | 0.0 | 56.256 | 4.46 | 0.0 | 52.684 | 4.699 | 0.0 | 51.852 | 3.855 |
| 109 | 1471 | 1472 | SN | 1 | 0.0 | 47.805 | 0.786 | 0.0 | 44.603 | 1.019 | 0.0 | 52.881 | 0.769 | 0.0 | 56.657 | 1.352 | 0.0 | 53.734 | 0.708 | 0.0 | 41.408 | 0.736 | 0.0 | 53.845 | 0.668 | 0.0 | 51.985 | 0.604 |
| 110 | 1471 | 1472 | NS | 1 | 0.0 | 55.584 | 1.786 | 0.0 | 51.965 | 1.862 | 0.0 | 48.26 | 1.63 | 0.0 | 66.696 | 2.297 | 0.0 | 53.426 | 1.727 | 0.0 | 53.022 | 1.676 | 0.0 | 44.608 | 1.669 | 0.0 | 61.003 | 1.667 |
| 111 | 1471 | 1472 | NS | 1 | 0.0 | 51.712 | 6.002 | 0.0 | 51.893 | 6.907 | 0.0 | 53.766 | 5.189 | 0.0 | 67.8 | 6.815 | 0.0 | 50.127 | 5.96 | 0.0 | 52.268 | 6.332 | 0.0 | 54.679 | 5.204 | 0.0 | 62.117 | 5.076 |
| 112 | 1471 | 1472 | SN | 1 | 0.0 | 49.374 | 2.618 | 0.0 | 50.234 | 3.163 | 0.0 | 43.126 | 2.526 | 0.0 | 47.191 | 3.819 | 0.0 | 52.083 | 2.307 | 0.0 | 48.762 | 2.412 | 0.0 | 41.762 | 2.264 | 0.0 | 43.311 | 1.963 |
| 113 | 1471 | 1472 | NS | 1 | 0.0 | 55.584 | 1.786 | 0.0 | 51.965 | 1.862 | 0.0 | 48.26 | 1.63 | 0.0 | 66.696 | 2.297 | 0.0 | 53.426 | 1.727 | 0.0 | 53.022 | 1.676 | 0.0 | 44.608 | 1.669 | 0.0 | 61.003 | 1.667 |
| 114 | 1471 | 1472 | NS | 1 | 0.0 | 51.712 | 6.002 | 0.0 | 51.893 | 6.907 | 0.0 | 53.766 | 5.189 | 0.0 | 67.8 | 6.815 | 0.0 | 50.127 | 5.96 | 0.0 | 52.268 | 6.332 | 0.0 | 54.679 | 5.204 | 0.0 | 62.117 | 5.076 |
| 115 | 1471 | 1472 | SN | 1 | 0.0 | 47.805 | 0.786 | 0.0 | 44.603 | 1.019 | 0.0 | 52.881 | 0.769 | 0.0 | 56.657 | 1.352 | 0.0 | 53.734 | 0.708 | 0.0 | 41.408 | 0.736 | 0.0 | 53.845 | 0.668 | 0.0 | 51.985 | 0.604 |
| 116 | 1471 | 1472 | SN | 1 | 0.0 | 49.374 | 2.618 | 0.0 | 50.234 | 3.163 | 0.0 | 43.126 | 2.526 | 0.0 | 47.191 | 3.819 | 0.0 | 52.083 | 2.307 | 0.0 | 48.762 | 2.412 | 0.0 | 41.762 | 2.264 | 0.0 | 43.311 | 1.963 |
| 117 | 1471 | 1472 | SN | 1 | 0.0 | 47.805 | 0.786 | 0.0 | 44.603 | 1.019 | 0.0 | 52.881 | 0.769 | 0.0 | 56.657 | 1.352 | 0.0 | 53.734 | 0.708 | 0.0 | 41.408 | 0.736 | 0.0 | 53.845 | 0.668 | 0.0 | 51.985 | 0.604 |
| 118 | 1471 | 1472 | NS | 1 | 0.0 | 55.584 | 1.786 | 0.0 | 51.965 | 1.862 | 0.0 | 48.26 | 1.63 | 0.0 | 66.696 | 2.297 | 0.0 | 53.426 | 1.727 | 0.0 | 53.022 | 1.676 | 0.0 | 44.608 | 1.669 | 0.0 | 61.003 | 1.667 |
| 119 | 1471 | 1472 | NS | 1 | 0.0 | 51.712 | 6.002 | 0.0 | 51.893 | 6.907 | 0.0 | 53.766 | 5.189 | 0.0 | 67.8 | 6.815 | 0.0 | 50.127 | 5.96 | 0.0 | 52.268 | 6.332 | 0.0 | 54.679 | 5.204 | 0.0 | 62.117 | 5.076 |
| 120 | 1471 | 1472 | SN | 1 | 0.0 | 49.374 | 2.618 | 0.0 | 50.234 | 3.163 | 0.0 | 43.126 | 2.526 | 0.0 | 47.191 | 3.819 | 0.0 | 52.083 | 2.307 | 0.0 | 48.762 | 2.412 | 0.0 | 41.762 | 2.264 | 0.0 | 43.311 | 1.963 |
| 121 | 1472 | 1473 | SN | 1 | 0.0 | 46.834 | 1.676 | 0.0 | 59.764 | 1.92 | 0.0 | 52.757 | 1.613 | 0.0 | 47.575 | 2.4 | 0.0 | 48.687 | 1.59 | 0.0 | 61.656 | 1.509 | 0.0 | 50.889 | 1.601 | 0.0 | 49.967 | 1.421 |
| 122 | 1472 | 1473 | SN | 1 | 0.0 | 51.258 | 5.674 | 0.0 | 61.592 | 6.199 | 0.0 | 48.15 | 4.697 | 0.0 | 46.891 | 7.162 | 0.0 | 51.47 | 5.338 | 0.0 | 60.662 | 5.061 | 0.0 | 47.632 | 4.839 | 0.0 | 46.56 | 4.644 |
| 123 | 1472 | 1473 | SN | 1 | 0.0 | 46.834 | 1.676 | 0.0 | 59.764 | 1.92 | 0.0 | 52.757 | 1.613 | 0.0 | 47.575 | 2.4 | 0.0 | 48.687 | 1.59 | 0.0 | 61.656 | 1.509 | 0.0 | 50.889 | 1.601 | 0.0 | 49.967 | 1.421 |
| 124 | 1472 | 1473 | NS | 1 | 0.0 | 47.255 | 2.359 | 0.0 | 48.842 | 2.452 | 0.0 | 49.987 | 2.129 | 0.0 | 57.036 | 3.069 | 0.0 | 46.778 | 2.393 | 0.0 | 47.904 | 2.252 | 0.0 | 48.25 | 2.282 | 0.0 | 58.771 | 2.305 |
| 125 | 1472 | 1473 | NS | 1 | 0.0 | 63.367 | 6.766 | 0.0 | 51.243 | 7.526 | 0.0 | 49.731 | 6.289 | 0.0 | 50.163 | 8.251 | 0.0 | 62.018 | 6.909 | 0.0 | 51.221 | 6.832 | 0.0 | 50.804 | 6.822 | 0.0 | 49.166 | 6.596 |
| 126 | 1472 | 1473 | SN | 1 | 0.0 | 51.258 | 5.674 | 0.0 | 61.592 | 6.199 | 0.0 | 48.15 | 4.697 | 0.0 | 46.891 | 7.162 | 0.0 | 51.47 | 5.338 | 0.0 | 60.662 | 5.061 | 0.0 | 47.632 | 4.839 | 0.0 | 46.56 | 4.644 |
| 127 | 1472 | 1473 | SN | 1 | 0.0 | 46.834 | 1.676 | 0.0 | 59.764 | 1.92 | 0.0 | 52.757 | 1.613 | 0.0 | 47.575 | 2.4 | 0.0 | 48.687 | 1.59 | 0.0 | 61.656 | 1.509 | 0.0 | 50.889 | 1.601 | 0.0 | 49.967 | 1.421 |
| 128 | 1472 | 1473 | NS | 1 | 0.0 | 47.255 | 2.359 | 0.0 | 48.842 | 2.452 | 0.0 | 49.987 | 2.129 | 0.0 | 57.036 | 3.069 | 0.0 | 46.778 | 2.393 | 0.0 | 47.904 | 2.252 | 0.0 | 48.25 | 2.282 | 0.0 | 58.771 | 2.305 |
| 129 | 1472 | 1473 | NS | 1 | 0.0 | 63.367 | 6.766 | 0.0 | 51.243 | 7.526 | 0.0 | 49.731 | 6.289 | 0.0 | 50.163 | 8.251 | 0.0 | 62.018 | 6.909 | 0.0 | 51.221 | 6.832 | 0.0 | 50.804 | 6.822 | 0.0 | 49.166 | 6.596 |
| 130 | 1472 | 1473 | SN | 1 | 0.0 | 51.258 | 5.674 | 0.0 | 61.592 | 6.199 | 0.0 | 48.15 | 4.697 | 0.0 | 46.891 | 7.162 | 0.0 | 51.47 | 5.338 | 0.0 | 60.662 | 5.061 | 0.0 | 47.632 | 4.839 | 0.0 | 46.56 | 4.644 |
| 131 | 1472 | 1473 | NS | 1 | 0.0 | 47.255 | 2.359 | 0.0 | 48.842 | 2.452 | 0.0 | 49.987 | 2.129 | 0.0 | 57.036 | 3.069 | 0.0 | 46.778 | 2.393 | 0.0 | 47.904 | 2.252 | 0.0 | 48.25 | 2.282 | 0.0 | 58.771 | 2.305 |
| 132 | 1472 | 1473 | NS | 1 | 0.0 | 63.367 | 6.766 | 0.0 | 51.243 | 7.526 | 0.0 | 49.731 | 6.289 | 0.0 | 50.163 | 8.251 | 0.0 | 62.018 | 6.909 | 0.0 | 51.221 | 6.832 | 0.0 | 50.804 | 6.822 | 0.0 | 49.166 | 6.596 |
| 133 | 1473 | 1474 | NS | 1 | 0.0 | 51.178 | 2.286 | 0.0 | 51.054 | 2.953 | 0.0 | 50.548 | 2.361 | 0.0 | 44.111 | 3.216 | 0.0 | 53.104 | 2.402 | 0.0 | 46.744 | 2.618 | 0.0 | 48.589 | 2.523 | 0.0 | 44.984 | 2.388 |
| 134 | 1473 | 1474 | NS | 1 | 0.0 | 53.211 | 7.304 | 0.0 | 55.469 | 8.312 | 0.0 | 52.958 | 6.566 | 0.0 | 50.26 | 8.408 | 0.0 | 56.761 | 7.304 | 0.0 | 58.154 | 7.932 | 0.0 | 51.543 | 7.369 | 0.0 | 49.781 | 6.603 |
| 135 | 1473 | 1474 | SN | 1 | 0.0 | 57.55 | 1.454 | 0.0 | 47.547 | 1.642 | 0.0 | 49.134 | 1.272 | 0.0 | 59.202 | 1.971 | 0.0 | 58.703 | 1.37 | 0.0 | 48.438 | 1.275 | 0.0 | 48.506 | 1.275 | 0.0 | 56.942 | 1.249 |
| 136 | 1473 | 1474 | NS | 1 | 0.0 | 51.178 | 2.286 | 0.0 | 51.054 | 2.953 | 0.0 | 50.548 | 2.361 | 0.0 | 44.111 | 3.216 | 0.0 | 53.104 | 2.402 | 0.0 | 46.744 | 2.618 | 0.0 | 48.589 | 2.523 | 0.0 | 44.984 | 2.388 |
| 137 | 1473 | 1474 | NS | 1 | 0.0 | 53.211 | 7.304 | 0.0 | 55.469 | 8.312 | 0.0 | 52.958 | 6.566 | 0.0 | 50.26 | 8.408 | 0.0 | 56.761 | 7.304 | 0.0 | 58.154 | 7.932 | 0.0 | 51.543 | 7.369 | 0.0 | 49.781 | 6.603 |
| 138 | 1473 | 1474 | SN | 1 | 0.0 | 61.025 | 5.405 | 0.0 | 49.639 | 6.335 | 0.0 | 48.502 | 4.038 | 0.0 | 51.297 | 6.245 | 0.0 | 62.723 | 5.178 | 0.0 | 51.266 | 5.331 | 0.0 | 51.074 | 3.953 | 0.0 | 50.449 | 4.445 |
| 139 | 1473 | 1474 | SN | 1 | 0.0 | 61.025 | 5.405 | 0.0 | 49.639 | 6.335 | 0.0 | 48.502 | 4.038 | 0.0 | 51.297 | 6.245 | 0.0 | 62.723 | 5.178 | 0.0 | 51.266 | 5.331 | 0.0 | 51.074 | 3.953 | 0.0 | 50.449 | 4.445 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 140 | 1473 | 1474 | SN | 1 | 0.0 | 57.55 | 1.454 | 0.0 | 47.547 | 1.642 | 0.0 | 49.134 | 1.272 | 0.0 | 59.202 | 1.971 | 0.0 | 58.703 | 1.37 | 0.0 | 48.438 | 1.275 | 0.0 | 48.506 | 1.275 | 0.0 | 56.942 | 1.249 |
| 141 | 1473 | 1474 | SN | 1 | 0.0 | 57.55 | 1.454 | 0.0 | 47.547 | 1.642 | 0.0 | 49.134 | 1.272 | 0.0 | 59.202 | 1.971 | 0.0 | 58.703 | 1.37 | 0.0 | 48.438 | 1.275 | 0.0 | 48.506 | 1.275 | 0.0 | 56.942 | 1.249 |
| 142 | 1473 | 1474 | NS | 1 | 0.0 | 51.178 | 2.286 | 0.0 | 51.054 | 2.953 | 0.0 | 50.548 | 2.361 | 0.0 | 44.111 | 3.216 | 0.0 | 53.104 | 2.402 | 0.0 | 46.744 | 2.618 | 0.0 | 48.589 | 2.523 | 0.0 | 44.984 | 2.388 |
| 143 | 1473 | 1474 | SN | 1 | 0.0 | 61.025 | 5.405 | 0.0 | 49.639 | 6.335 | 0.0 | 48.502 | 4.038 | 0.0 | 51.297 | 6.245 | 0.0 | 62.723 | 5.178 | 0.0 | 51.266 | 5.331 | 0.0 | 51.074 | 3.953 | 0.0 | 50.449 | 4.445 |
| 144 | 1473 | 1474 | NS | 1 | 0.0 | 53.211 | 7.304 | 0.0 | 55.469 | 8.312 | 0.0 | 52.958 | 6.566 | 0.0 | 50.26 | 8.408 | 0.0 | 56.761 | 7.304 | 0.0 | 58.154 | 7.932 | 0.0 | 51.543 | 7.369 | 0.0 | 49.781 | 6.603 |
| 145 | 1474 | 1475 | NS | 1 | 0.0 | 54.544 | 2.833 | 0.0 | 59.672 | 3.204 | 0.0 | 51.161 | 2.549 | 0.0 | 53.183 | 3.528 | 0.0 | 51.833 | 2.99 | 0.0 | 58.384 | 3.052 | 0.0 | 53.543 | 2.918 | 0.0 | 53.177 | 2.847 |
| 146 | 1474 | 1475 | NS | 1 | 0.0 | 51.261 | 8.797 | 0.0 | 53.729 | 10.038 | 0.0 | 47.928 | 7.319 | 0.0 | 48.469 | 9.534 | 0.0 | 51.239 | 9.387 | 0.0 | 55.591 | 9.607 | 0.0 | 51.778 | 8.528 | 0.0 | 49.414 | 8.158 |
| 147 | 1474 | 1475 | NS | 1 | 0.0 | 51.261 | 8.797 | 0.0 | 53.729 | 10.038 | 0.0 | 47.928 | 7.319 | 0.0 | 48.469 | 9.534 | 0.0 | 51.239 | 9.387 | 0.0 | 55.591 | 9.607 | 0.0 | 51.778 | 8.528 | 0.0 | 49.414 | 8.158 |
| 148 | 1474 | 1475 | SN | 1 | 0.0 | 51.295 | 1.085 | 0.0 | 56.705 | 1.201 | 0.0 | 49.837 | 1.222 | 0.0 | 55.711 | 1.565 | 0.0 | 52.263 | 1.123 | 0.0 | 59.594 | 1.104 | 0.0 | 50.41 | 1.264 | 0.0 | 55.829 | 1.243 |
| 149 | 1474 | 1475 | SN | 1 | 0.0 | 51.295 | 1.085 | 0.0 | 56.705 | 1.201 | 0.0 | 49.837 | 1.222 | 0.0 | 55.711 | 1.565 | 0.0 | 52.263 | 1.123 | 0.0 | 59.594 | 1.104 | 0.0 | 50.41 | 1.264 | 0.0 | 55.829 | 1.243 |
| 150 | 1474 | 1475 | SN | 1 | 0.0 | 54.779 | 3.687 | 0.0 | 48.48 | 4.193 | 0.0 | 51.815 | 4.059 | 0.0 | 50.599 | 4.808 | 0.0 | 53.724 | 3.578 | 0.0 | 45.043 | 3.83 | 0.0 | 52.028 | 4.003 | 0.0 | 53.095 | 3.912 |
| 151 | 1474 | 1475 | SN | 1 | 0.0 | 51.295 | 1.085 | 0.0 | 56.705 | 1.201 | 0.0 | 49.837 | 1.222 | 0.0 | 55.711 | 1.565 | 0.0 | 52.263 | 1.123 | 0.0 | 59.594 | 1.104 | 0.0 | 50.41 | 1.264 | 0.0 | 55.829 | 1.243 |
| 152 | 1474 | 1475 | SN | 1 | 0.0 | 54.779 | 3.687 | 0.0 | 48.48 | 4.193 | 0.0 | 51.815 | 4.059 | 0.0 | 50.599 | 4.808 | 0.0 | 53.724 | 3.578 | 0.0 | 45.043 | 3.83 | 0.0 | 52.028 | 4.003 | 0.0 | 53.095 | 3.912 |
| 153 | 1474 | 1475 | SN | 1 | 0.0 | 54.779 | 3.687 | 0.0 | 48.48 | 4.193 | 0.0 | 51.815 | 4.059 | 0.0 | 50.599 | 4.808 | 0.0 | 53.724 | 3.578 | 0.0 | 45.043 | 3.83 | 0.0 | 52.028 | 4.003 | 0.0 | 53.095 | 3.912 |
| 154 | 1474 | 1475 | SN | 1 | 0.0 | 51.295 | 1.085 | 0.0 | 56.705 | 1.201 | 0.0 | 49.837 | 1.222 | 0.0 | 55.711 | 1.565 | 0.0 | 52.263 | 1.123 | 0.0 | 59.594 | 1.104 | 0.0 | 50.41 | 1.264 | 0.0 | 55.829 | 1.243 |
| 155 | 1474 | 1475 | NS | 1 | 0.0 | 54.544 | 2.833 | 0.0 | 59.672 | 3.204 | 0.0 | 51.161 | 2.549 | 0.0 | 53.183 | 3.528 | 0.0 | 51.833 | 2.99 | 0.0 | 58.384 | 3.052 | 0.0 | 53.543 | 2.918 | 0.0 | 53.177 | 2.847 |
| 156 | 1474 | 1475 | NS | 1 | 0.0 | 51.261 | 8.797 | 0.0 | 53.729 | 10.038 | 0.0 | 47.928 | 7.319 | 0.0 | 48.469 | 9.534 | 0.0 | 51.239 | 9.387 | 0.0 | 55.591 | 9.607 | 0.0 | 51.778 | 8.528 | 0.0 | 49.414 | 8.158 |
| 157 | 1474 | 1475 | SN | 1 | 0.0 | 54.779 | 3.687 | 0.0 | 48.48 | 4.193 | 0.0 | 51.815 | 4.059 | 0.0 | 50.599 | 4.808 | 0.0 | 53.724 | 3.578 | 0.0 | 45.043 | 3.83 | 0.0 | 52.028 | 4.003 | 0.0 | 53.095 | 3.912 |
| 158 | 1474 | 1475 | NS | 1 | 0.0 | 54.544 | 2.833 | 0.0 | 59.672 | 3.204 | 0.0 | 51.161 | 2.549 | 0.0 | 53.183 | 3.528 | 0.0 | 51.833 | 2.99 | 0.0 | 58.384 | 3.052 | 0.0 | 53.543 | 2.918 | 0.0 | 53.177 | 2.847 |
| 159 | 1475 | 1476 | SN | 1 | 0.0 | 60.116 | 7.424 | 0.0 | 54.348 | 8.806 | 0.0 | 56.512 | 6.202 | 0.0 | 53.129 | 8.314 | 0.0 | 58.452 | 7.239 | 0.0 | 55.863 | 7.954 | 0.0 | 53.007 | 6.415 | 0.0 | 55.336 | 6.742 |
| 160 | 1475 | 1476 | SN | 1 | 0.0 | 49.26 | 2.253 | 0.0 | 46.147 | 2.909 | 0.0 | 48.868 | 2.054 | 0.0 | 48.045 | 3.17 | 0.0 | 47.03 | 2.327 | 0.0 | 45.448 | 2.565 | 0.0 | 54.972 | 2.138 | 0.0 | 47.94 | 2.316 |
| 161 | 1475 | 1476 | NS | 1 | 0.0 | 49.026 | 5.798 | 0.0 | 48.037 | 7.214 | 0.0 | 48.508 | 4.867 | 0.0 | 55.364 | 7.415 | 0.0 | 49.698 | 5.494 | 0.0 | 49.904 | 5.827 | 0.0 | 48.891 | 4.519 | 0.0 | 50.605 | 4.806 |
| 162 | 1475 | 1476 | SN | 1 | 0.0 | 60.116 | 7.424 | 0.0 | 54.348 | 8.806 | 0.0 | 56.512 | 6.202 | 0.0 | 53.129 | 8.314 | 0.0 | 58.452 | 7.239 | 0.0 | 55.863 | 7.954 | 0.0 | 53.007 | 6.415 | 0.0 | 55.336 | 6.742 |
| 163 | 1475 | 1476 | NS | 1 | 0.0 | 49.026 | 5.798 | 0.0 | 48.037 | 7.214 | 0.0 | 48.508 | 4.867 | 0.0 | 55.364 | 7.415 | 0.0 | 49.698 | 5.494 | 0.0 | 49.904 | 5.827 | 0.0 | 48.891 | 4.519 | 0.0 | 50.605 | 4.806 |
| 164 | 1475 | 1476 | NS | 1 | 0.0 | 49.026 | 5.798 | 0.0 | 48.037 | 7.214 | 0.0 | 48.508 | 4.867 | 0.0 | 55.364 | 7.415 | 0.0 | 49.698 | 5.494 | 0.0 | 49.904 | 5.827 | 0.0 | 48.891 | 4.519 | 0.0 | 50.605 | 4.806 |
| 165 | 1475 | 1476 | SN | 1 | 0.0 | 49.26 | 2.253 | 0.0 | 46.147 | 2.909 | 0.0 | 48.868 | 2.054 | 0.0 | 48.045 | 3.17 | 0.0 | 47.03 | 2.327 | 0.0 | 45.448 | 2.565 | 0.0 | 54.972 | 2.138 | 0.0 | 47.94 | 2.316 |
| 166 | 1475 | 1476 | SN | 1 | 0.0 | 49.26 | 2.253 | 0.0 | 46.147 | 2.909 | 0.0 | 48.868 | 2.054 | 0.0 | 48.045 | 3.17 | 0.0 | 47.03 | 2.327 | 0.0 | 45.448 | 2.565 | 0.0 | 54.972 | 2.138 | 0.0 | 47.94 | 2.316 |
| 167 | 1475 | 1476 | NS | 1 | 0.0 | 48.972 | 1.659 | 0.0 | 49.578 | 2.237 | 0.0 | 49.618 | 1.572 | 0.0 | 55.827 | 2.907 | 0.0 | 50.744 | 1.51 | 0.0 | 46.073 | 1.731 | 0.0 | 50.474 | 1.498 | 0.0 | 54.451 | 1.547 |
| 168 | 1475 | 1476 | NS | 1 | 0.0 | 48.972 | 1.659 | 0.0 | 49.578 | 2.237 | 0.0 | 49.618 | 1.572 | 0.0 | 55.827 | 2.907 | 0.0 | 50.744 | 1.51 | 0.0 | 46.073 | 1.731 | 0.0 | 50.474 | 1.498 | 0.0 | 54.451 | 1.547 |
| 169 | 1475 | 1476 | NS | 1 | 0.0 | 48.972 | 1.659 | 0.0 | 49.578 | 2.237 | 0.0 | 49.618 | 1.572 | 0.0 | 55.827 | 2.907 | 0.0 | 50.744 | 1.51 | 0.0 | 46.073 | 1.731 | 0.0 | 50.474 | 1.498 | 0.0 | 54.451 | 1.547 |
| 170 | 1475 | 1476 | NS | 1 | 0.0 | 49.026 | 5.798 | 0.0 | 48.037 | 7.214 | 0.0 | 48.508 | 4.867 | 0.0 | 55.364 | 7.415 | 0.0 | 49.698 | 5.494 | 0.0 | 49.904 | 5.827 | 0.0 | 48.891 | 4.519 | 0.0 | 50.605 | 4.806 |
| 171 | 1475 | 1476 | NS | 1 | 0.0 | 48.972 | 1.659 | 0.0 | 49.578 | 2.237 | 0.0 | 49.618 | 1.572 | 0.0 | 55.827 | 2.907 | 0.0 | 50.744 | 1.51 | 0.0 | 46.073 | 1.731 | 0.0 | 50.474 | 1.498 | 0.0 | 54.451 | 1.547 |
| 172 | 1475 | 1476 | SN | 1 | 0.0 | 60.116 | 7.424 | 0.0 | 54.348 | 8.806 | 0.0 | 56.512 | 6.202 | 0.0 | 53.129 | 8.314 | 0.0 | 58.452 | 7.239 | 0.0 | 55.863 | 7.954 | 0.0 | 53.007 | 6.415 | 0.0 | 55.336 | 6.742 |
| 173 | 1476 | 1477 | SN | 1 | 0.0 | 46.559 | 4.537 | 0.0 | 47.955 | 6.049 | 0.0 | 47.869 | 4.13 | 0.0 | 56.51 | 7.382 | 0.0 | 49.286 | 4.63 | 0.0 | 51.936 | 5.23 | 0.0 | 51.841 | 4.329 | 0.0 | 57.363 | 5.284 |
| 174 | 1476 | 1477 | SN | 1 | 0.0 | 54.187 | 1.421 | 0.0 | 56.948 | 2.065 | 0.0 | 49.529 | 1.472 | 0.0 | 50.378 | 2.854 | 0.0 | 53.074 | 1.423 | 0.0 | 56.389 | 1.691 | 0.0 | 50.812 | 1.475 | 0.0 | 53.596 | 1.92 |
| 175 | 1476 | 1477 | NS | 1 | 0.0 | 60.567 | 6.834 | 0.0 | 57.624 | 8.278 | 0.0 | 50.143 | 5.649 | 0.0 | 58.586 | 7.964 | 0.0 | 59.817 | 6.665 | 0.0 | 56.753 | 7.171 | 0.0 | 48.402 | 5.805 | 0.0 | 54.993 | 5.633 |

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

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|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 176 | 1476 | 1477 | NS | 1 | 0.0 | 60.567 | 6.834 | 0.0 | 57.624 | 8.278 | 0.0 | 50.143 | 5.649 | 0.0 | 58.586 | 7.964 | 0.0 | 59.817 | 6.665 | 0.0 | 56.753 | 7.171 | 0.0 | 48.402 | 5.805 | 0.0 | 54.993 | 5.633 |
| 177 | 1476 | 1477 | SN | 1 | 0.0 | 46.559 | 4.537 | 0.0 | 47.955 | 6.049 | 0.0 | 47.869 | 4.13 | 0.0 | 56.51 | 7.382 | 0.0 | 49.286 | 4.63 | 0.0 | 51.936 | 5.23 | 0.0 | 51.841 | 4.329 | 0.0 | 57.363 | 5.284 |
| 178 | 1476 | 1477 | SN | 1 | 0.0 | 54.187 | 1.421 | 0.0 | 56.948 | 2.065 | 0.0 | 49.529 | 1.472 | 0.0 | 50.378 | 2.854 | 0.0 | 53.074 | 1.423 | 0.0 | 56.389 | 1.691 | 0.0 | 50.812 | 1.475 | 0.0 | 53.596 | 1.92 |
| 179 | 1476 | 1477 | SN | 1 | 0.0 | 54.187 | 1.421 | 0.0 | 56.948 | 2.065 | 0.0 | 49.529 | 1.472 | 0.0 | 50.378 | 2.854 | 0.0 | 53.074 | 1.423 | 0.0 | 56.389 | 1.691 | 0.0 | 50.812 | 1.475 | 0.0 | 53.596 | 1.92 |
| 180 | 1476 | 1477 | NS | 1 | 0.0 | 48.471 | 2.111 | 0.0 | 43.947 | 2.376 | 0.0 | 53.914 | 2.033 | 0.0 | 55.4 | 2.94 | 0.0 | 49.294 | 2.027 | 0.0 | 48.451 | 2.014 | 0.0 | 47.658 | 2.055 | 0.0 | 51.462 | 1.948 |
| 181 | 1476 | 1477 | SN | 1 | 0.0 | 46.559 | 4.537 | 0.0 | 47.955 | 6.049 | 0.0 | 47.869 | 4.13 | 0.0 | 56.51 | 7.382 | 0.0 | 49.286 | 4.63 | 0.0 | 51.936 | 5.23 | 0.0 | 51.841 | 4.329 | 0.0 | 57.363 | 5.284 |
| 182 | 1476 | 1477 | NS | 1 | 0.0 | 48.471 | 2.111 | 0.0 | 43.947 | 2.376 | 0.0 | 53.914 | 2.033 | 0.0 | 55.4 | 2.94 | 0.0 | 49.294 | 2.027 | 0.0 | 48.451 | 2.014 | 0.0 | 47.658 | 2.055 | 0.0 | 51.462 | 1.948 |
| 183 | 1476 | 1477 | NS | 1 | 0.0 | 48.471 | 2.111 | 0.0 | 43.947 | 2.376 | 0.0 | 53.914 | 2.033 | 0.0 | 55.4 | 2.94 | 0.0 | 49.294 | 2.027 | 0.0 | 48.451 | 2.014 | 0.0 | 47.658 | 2.055 | 0.0 | 51.462 | 1.948 |
| 184 | 1476 | 1477 | NS | 1 | 0.0 | 60.567 | 6.834 | 0.0 | 57.624 | 8.278 | 0.0 | 50.143 | 5.649 | 0.0 | 58.586 | 7.964 | 0.0 | 59.817 | 6.665 | 0.0 | 56.753 | 7.171 | 0.0 | 48.402 | 5.805 | 0.0 | 54.993 | 5.633 |
| 185 | 1477 | 1478 | NS | 1 | 0.0 | 49.502 | 1.213 | 0.0 | 47.378 | 1.371 | 0.0 | 53.269 | 1.099 | 0.0 | 42.148 | 1.884 | 0.0 | 46.021 | 1.18 | 0.0 | 49.483 | 1.028 | 0.0 | 52.221 | 0.993 | 0.0 | 42.231 | 1.09 |
| 186 | 1477 | 1478 | SN | 1 | 0.0 | 47.052 | 4.151 | 0.0 | 43.732 | 4.945 | 0.0 | 44.048 | 3.463 | 0.0 | 45.64 | 5.215 | 0.0 | 48.453 | 4.0 | 0.0 | 43.003 | 4.144 | 0.0 | 46.789 | 3.662 | 0.0 | 43.916 | 3.489 |
| 187 | 1477 | 1478 | NS | 1 | 0.0 | 49.502 | 1.213 | 0.0 | 47.378 | 1.371 | 0.0 | 53.269 | 1.099 | 0.0 | 42.148 | 1.884 | 0.0 | 46.021 | 1.18 | 0.0 | 49.483 | 1.028 | 0.0 | 52.221 | 0.993 | 0.0 | 42.231 | 1.09 |
| 188 | 1477 | 1478 | SN | 1 | 0.0 | 47.052 | 4.151 | 0.0 | 43.732 | 4.945 | 0.0 | 44.048 | 3.463 | 0.0 | 45.64 | 5.215 | 0.0 | 48.453 | 4.0 | 0.0 | 43.003 | 4.144 | 0.0 | 46.789 | 3.662 | 0.0 | 43.916 | 3.489 |
| 189 | 1477 | 1478 | NS | 1 | 0.0 | 55.245 | 4.432 | 0.0 | 50.966 | 5.167 | 0.0 | 55.186 | 3.802 | 0.0 | 59.835 | 5.711 | 0.0 | 52.845 | 4.188 | 0.0 | 47.456 | 4.27 | 0.0 | 60.821 | 3.532 | 0.0 | 57.034 | 3.629 |
| 190 | 1477 | 1478 | SN | 1 | 0.0 | 47.052 | 4.151 | 0.0 | 43.732 | 4.945 | 0.0 | 44.048 | 3.463 | 0.0 | 45.64 | 5.215 | 0.0 | 48.453 | 4.0 | 0.0 | 43.003 | 4.144 | 0.0 | 46.789 | 3.662 | 0.0 | 43.916 | 3.489 |
| 191 | 1477 | 1478 | SN | 1 | 0.0 | 50.548 | 1.178 | 0.0 | 47.824 | 1.537 | 0.0 | 53.549 | 1.22 | 0.0 | 44.848 | 1.888 | 0.0 | 52.614 | 1.151 | 0.0 | 51.03 | 1.209 | 0.0 | 52.562 | 1.189 | 0.0 | 42.477 | 1.182 |
| 192 | 1477 | 1478 | SN | 1 | 0.0 | 50.548 | 1.178 | 0.0 | 47.824 | 1.537 | 0.0 | 53.549 | 1.22 | 0.0 | 44.848 | 1.888 | 0.0 | 52.614 | 1.151 | 0.0 | 51.03 | 1.209 | 0.0 | 52.562 | 1.189 | 0.0 | 42.477 | 1.182 |
| 193 | 1477 | 1478 | NS | 1 | 0.0 | 49.502 | 1.213 | 0.0 | 47.378 | 1.371 | 0.0 | 53.269 | 1.099 | 0.0 | 42.148 | 1.884 | 0.0 | 46.021 | 1.18 | 0.0 | 49.483 | 1.028 | 0.0 | 52.221 | 0.993 | 0.0 | 42.231 | 1.09 |
| 194 | 1477 | 1478 | NS | 1 | 0.0 | 55.245 | 4.432 | 0.0 | 50.966 | 5.167 | 0.0 | 55.186 | 3.802 | 0.0 | 59.835 | 5.711 | 0.0 | 52.845 | 4.188 | 0.0 | 47.456 | 4.27 | 0.0 | 60.821 | 3.532 | 0.0 | 57.034 | 3.629 |
| 195 | 1477 | 1478 | NS | 1 | 0.0 | 55.245 | 4.432 | 0.0 | 50.966 | 5.167 | 0.0 | 55.186 | 3.802 | 0.0 | 59.835 | 5.711 | 0.0 | 52.845 | 4.188 | 0.0 | 47.456 | 4.27 | 0.0 | 60.821 | 3.532 | 0.0 | 57.034 | 3.629 |
| 196 | 1477 | 1478 | SN | 1 | 0.0 | 50.548 | 1.178 | 0.0 | 47.824 | 1.537 | 0.0 | 53.549 | 1.22 | 0.0 | 44.848 | 1.888 | 0.0 | 52.614 | 1.151 | 0.0 | 51.03 | 1.209 | 0.0 | 52.562 | 1.189 | 0.0 | 42.477 | 1.182 |
| 197 | 1478 | 1479 | NS | 1 | 0.0 | 51.691 | 5.329 | 0.0 | 51.662 | 6.215 | 0.0 | 49.436 | 4.23 | 0.0 | 55.103 | 6.132 | 0.0 | 50.323 | 5.025 | 0.0 | 53.219 | 5.412 | 0.0 | 46.519 | 4.045 | 0.0 | 50.529 | 4.107 |
| 198 | 1478 | 1479 | SN | 1 | 0.0 | 50.72 | 6.678 | 0.0 | 63.678 | 7.914 | 0.0 | 55.576 | 5.999 | 0.0 | 49.34 | 7.078 | 0.0 | 52.121 | 6.838 | 0.0 | 61.473 | 7.568 | 0.0 | 50.705 | 6.176 | 0.0 | 50.703 | 6.154 |
| 199 | 1478 | 1479 | SN | 1 | 0.0 | 48.579 | 2.292 | 0.0 | 47.723 | 2.546 | 0.0 | 53.119 | 1.845 | 0.0 | 59.167 | 2.372 | 0.0 | 50.252 | 2.34 | 0.0 | 45.959 | 2.299 | 0.0 | 53.936 | 1.951 | 0.0 | 61.973 | 1.865 |
| 200 | 1478 | 1479 | NS | 1 | 0.0 | 51.691 | 5.329 | 0.0 | 51.662 | 6.215 | 0.0 | 49.436 | 4.23 | 0.0 | 55.103 | 6.132 | 0.0 | 50.323 | 5.025 | 0.0 | 53.219 | 5.412 | 0.0 | 46.519 | 4.045 | 0.0 | 50.529 | 4.107 |
| 201 | 1478 | 1479 | SN | 1 | 0.0 | 50.72 | 6.678 | 0.0 | 63.678 | 7.914 | 0.0 | 55.576 | 5.999 | 0.0 | 49.34 | 7.078 | 0.0 | 52.121 | 6.838 | 0.0 | 61.473 | 7.568 | 0.0 | 50.705 | 6.176 | 0.0 | 50.703 | 6.154 |
| 202 | 1478 | 1479 | NS | 1 | 0.0 | 52.658 | 1.618 | 0.0 | 46.46 | 1.862 | 0.0 | 43.91 | 1.235 | 0.0 | 43.413 | 1.967 | 0.0 | 51.846 | 1.498 | 0.0 | 45.356 | 1.493 | 0.0 | 44.357 | 1.162 | 0.0 | 44.238 | 1.145 |
| 203 | 1478 | 1479 | SN | 1 | 0.0 | 48.579 | 2.292 | 0.0 | 47.723 | 2.546 | 0.0 | 53.119 | 1.845 | 0.0 | 59.167 | 2.372 | 0.0 | 50.252 | 2.34 | 0.0 | 45.959 | 2.299 | 0.0 | 53.936 | 1.951 | 0.0 | 61.973 | 1.865 |
| 204 | 1478 | 1479 | SN | 1 | 0.0 | 48.579 | 2.292 | 0.0 | 47.723 | 2.546 | 0.0 | 53.119 | 1.845 | 0.0 | 59.167 | 2.372 | 0.0 | 50.252 | 2.34 | 0.0 | 45.959 | 2.299 | 0.0 | 53.936 | 1.951 | 0.0 | 61.973 | 1.865 |
| 205 | 1478 | 1479 | SN | 1 | 0.0 | 50.72 | 6.678 | 0.0 | 63.678 | 7.914 | 0.0 | 55.576 | 5.999 | 0.0 | 49.34 | 7.078 | 0.0 | 52.121 | 6.838 | 0.0 | 61.473 | 7.568 | 0.0 | 50.705 | 6.176 | 0.0 | 50.703 | 6.154 |
| 206 | 1478 | 1479 | NS | 1 | 0.0 | 51.691 | 5.329 | 0.0 | 51.662 | 6.215 | 0.0 | 49.436 | 4.23 | 0.0 | 55.103 | 6.132 | 0.0 | 50.323 | 5.025 | 0.0 | 53.219 | 5.412 | 0.0 | 46.519 | 4.045 | 0.0 | 50.529 | 4.107 |
| 207 | 1478 | 1479 | NS | 1 | 0.0 | 52.658 | 1.618 | 0.0 | 46.46 | 1.862 | 0.0 | 43.91 | 1.235 | 0.0 | 43.413 | 1.967 | 0.0 | 51.846 | 1.498 | 0.0 | 45.356 | 1.493 | 0.0 | 44.357 | 1.162 | 0.0 | 44.238 | 1.145 |
| 208 | 1478 | 1479 | NS | 1 | 0.0 | 52.658 | 1.618 | 0.0 | 46.46 | 1.862 | 0.0 | 43.91 | 1.235 | 0.0 | 43.413 | 1.967 | 0.0 | 51.846 | 1.498 | 0.0 | 45.356 | 1.493 | 0.0 | 44.357 | 1.162 | 0.0 | 44.238 | 1.145 |
| 209 | 1479 | 1480 | NS | 1 | 0.0 | 43.447 | 1.062 | 0.0 | 53.916 | 1.34 | 0.0 | 55.192 | 1.176 | 0.0 | 51.158 | 1.883 | 0.0 | 46.506 | 1.003 | 0.0 | 55.769 | 1.056 | 0.0 | 58.797 | 1.216 | 0.0 | 46.327 | 1.199 |
| 210 | 1479 | 1480 | SN | 1 | 0.0 | 46.84 | 1.617 | 0.0 | 46.195 | 2.208 | 0.0 | 57.117 | 1.433 | 0.0 | 50.513 | 2.921 | 0.0 | 45.988 | 1.546 | 0.0 | 44.77 | 1.745 | 0.0 | 60.199 | 1.43 | 0.0 | 49.197 | 1.818 |
| 211 | 1479 | 1480 | NS | 1 | 0.0 | 43.447 | 1.062 | 0.0 | 53.916 | 1.34 | 0.0 | 55.192 | 1.176 | 0.0 | 51.158 | 1.883 | 0.0 | 46.506 | 1.003 | 0.0 | 55.769 | 1.056 | 0.0 | 58.797 | 1.216 | 0.0 | 46.327 | 1.199 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 212 | 1479 | 1480 | SN | 1 | 0.0 | 46.84 | 1.617 | 0.0 | 46.195 | 2.208 | 0.0 | 57.117 | 1.433 | 0.0 | 50.513 | 2.921 | 0.0 | 45.988 | 1.546 | 0.0 | 44.77 | 1.745 | 0.0 | 60.199 | 1.43 | 0.0 | 49.197 | 1.818 |
| 213 | 1479 | 1480 | NS | 1 | 0.0 | 49.298 | 3.608 | 0.0 | 51.798 | 4.127 | 0.0 | 43.698 | 3.688 | 0.0 | 53.05 | 4.935 | 0.0 | 52.757 | 3.254 | 0.0 | 51.918 | 3.408 | 0.0 | 46.009 | 3.632 | 0.0 | 55.886 | 3.323 |
| 214 | 1479 | 1480 | SN | 1 | 0.0 | 61.507 | 4.851 | 0.0 | 56.883 | 6.253 | 0.0 | 48.528 | 3.926 | 0.0 | 56.221 | 7.686 | 0.0 | 63.126 | 4.758 | 0.0 | 56.53 | 5.34 | 0.0 | 51.041 | 4.068 | 0.0 | 57.162 | 5.203 |
| 215 | 1479 | 1480 | SN | 1 | 0.0 | 61.507 | 4.851 | 0.0 | 56.883 | 6.253 | 0.0 | 48.528 | 3.926 | 0.0 | 56.221 | 7.686 | 0.0 | 63.126 | 4.758 | 0.0 | 56.53 | 5.34 | 0.0 | 51.041 | 4.068 | 0.0 | 57.162 | 5.203 |
| 216 | 1479 | 1480 | NS | 1 | 0.0 | 49.298 | 3.608 | 0.0 | 51.798 | 4.127 | 0.0 | 43.698 | 3.688 | 0.0 | 53.05 | 4.935 | 0.0 | 52.757 | 3.254 | 0.0 | 51.918 | 3.408 | 0.0 | 46.009 | 3.632 | 0.0 | 55.886 | 3.323 |
| 217 | 1479 | 1480 | SN | 1 | 0.0 | 61.507 | 4.851 | 0.0 | 56.883 | 6.253 | 0.0 | 48.528 | 3.926 | 0.0 | 56.221 | 7.686 | 0.0 | 63.126 | 4.758 | 0.0 | 56.53 | 5.34 | 0.0 | 51.041 | 4.068 | 0.0 | 57.162 | 5.203 |
| 218 | 1479 | 1480 | NS | 1 | 0.0 | 49.298 | 3.608 | 0.0 | 51.798 | 4.127 | 0.0 | 43.698 | 3.688 | 0.0 | 53.05 | 4.935 | 0.0 | 52.757 | 3.254 | 0.0 | 51.918 | 3.408 | 0.0 | 46.009 | 3.632 | 0.0 | 55.886 | 3.323 |
| 219 | 1479 | 1480 | SN | 1 | 0.0 | 46.84 | 1.617 | 0.0 | 46.195 | 2.208 | 0.0 | 57.117 | 1.433 | 0.0 | 50.513 | 2.921 | 0.0 | 45.988 | 1.546 | 0.0 | 44.77 | 1.745 | 0.0 | 60.199 | 1.43 | 0.0 | 49.197 | 1.818 |
| 220 | 1479 | 1480 | NS | 1 | 0.0 | 43.447 | 1.062 | 0.0 | 53.916 | 1.34 | 0.0 | 55.192 | 1.176 | 0.0 | 51.158 | 1.883 | 0.0 | 46.506 | 1.003 | 0.0 | 55.769 | 1.056 | 0.0 | 58.797 | 1.216 | 0.0 | 46.327 | 1.199 |
| 221 | 1480 | 1481 | NS | 1 | 0.0 | 48.82 | 6.486 | 0.0 | 51.005 | 7.577 | 0.0 | 48.42 | 5.504 | 0.0 | 53.508 | 7.959 | 0.0 | 50.451 | 6.537 | 0.0 | 50.452 | 6.96 | 0.0 | 48.195 | 6.251 | 0.0 | 55.361 | 6.404 |
| 222 | 1480 | 1481 | SN | 1 | 0.0 | 50.243 | 7.133 | 0.0 | 59.136 | 8.827 | 0.0 | 46.15 | 7.023 | 0.0 | 52.015 | 9.564 | 0.0 | 51.459 | 7.301 | 0.0 | 62.321 | 7.806 | 0.0 | 47.898 | 7.172 | 0.0 | 48.364 | 7.529 |
| 223 | 1480 | 1481 | SN | 1 | 0.0 | 49.575 | 2.279 | 0.0 | 52.994 | 3.095 | 0.0 | 50.418 | 2.627 | 0.0 | 56.238 | 3.622 | 0.0 | 53.451 | 2.319 | 0.0 | 56.955 | 2.601 | 0.0 | 49.875 | 2.767 | 0.0 | 51.05 | 2.646 |
| 224 | 1480 | 1481 | SN | 1 | 0.0 | 49.575 | 2.279 | 0.0 | 52.994 | 3.095 | 0.0 | 50.418 | 2.627 | 0.0 | 56.238 | 3.622 | 0.0 | 53.451 | 2.319 | 0.0 | 56.955 | 2.601 | 0.0 | 49.875 | 2.767 | 0.0 | 51.05 | 2.646 |
| 225 | 1480 | 1481 | NS | 1 | 0.0 | 48.82 | 6.486 | 0.0 | 51.005 | 7.577 | 0.0 | 48.42 | 5.504 | 0.0 | 53.508 | 7.959 | 0.0 | 50.451 | 6.537 | 0.0 | 50.452 | 6.96 | 0.0 | 48.195 | 6.251 | 0.0 | 55.361 | 6.404 |
| 226 | 1480 | 1481 | NS | 1 | 0.0 | 45.347 | 1.953 | 0.0 | 49.653 | 2.606 | 0.0 | 53.441 | 1.95 | 0.0 | 54.997 | 2.804 | 0.0 | 47.294 | 1.999 | 0.0 | 50.1 | 2.265 | 0.0 | 50.367 | 2.086 | 0.0 | 58.229 | 2.023 |
| 227 | 1480 | 1481 | NS | 1 | 0.0 | 45.347 | 1.953 | 0.0 | 49.653 | 2.606 | 0.0 | 53.441 | 1.95 | 0.0 | 54.997 | 2.804 | 0.0 | 47.294 | 1.999 | 0.0 | 50.1 | 2.265 | 0.0 | 50.367 | 2.086 | 0.0 | 58.229 | 2.023 |
| 228 | 1480 | 1481 | NS | 1 | 0.0 | 45.347 | 1.953 | 0.0 | 49.653 | 2.606 | 0.0 | 53.441 | 1.95 | 0.0 | 54.997 | 2.804 | 0.0 | 47.294 | 1.999 | 0.0 | 50.1 | 2.265 | 0.0 | 50.367 | 2.086 | 0.0 | 58.229 | 2.023 |
| 229 | 1480 | 1481 | SN | 1 | 0.0 | 49.575 | 2.279 | 0.0 | 52.994 | 3.095 | 0.0 | 50.418 | 2.627 | 0.0 | 56.238 | 3.622 | 0.0 | 53.451 | 2.319 | 0.0 | 56.955 | 2.601 | 0.0 | 49.875 | 2.767 | 0.0 | 51.05 | 2.646 |
| 230 | 1480 | 1481 | SN | 1 | 0.0 | 50.243 | 7.133 | 0.0 | 59.136 | 8.827 | 0.0 | 46.15 | 7.023 | 0.0 | 52.015 | 9.564 | 0.0 | 51.459 | 7.301 | 0.0 | 62.321 | 7.806 | 0.0 | 47.898 | 7.172 | 0.0 | 48.364 | 7.529 |
| 231 | 1480 | 1481 | SN | 1 | 0.0 | 50.243 | 7.133 | 0.0 | 59.136 | 8.827 | 0.0 | 46.15 | 7.023 | 0.0 | 52.015 | 9.564 | 0.0 | 51.459 | 7.301 | 0.0 | 62.321 | 7.806 | 0.0 | 47.898 | 7.172 | 0.0 | 48.364 | 7.529 |
| 232 | 1480 | 1481 | NS | 1 | 0.0 | 48.82 | 6.486 | 0.0 | 51.005 | 7.577 | 0.0 | 48.42 | 5.504 | 0.0 | 53.508 | 7.959 | 0.0 | 50.451 | 6.537 | 0.0 | 50.452 | 6.96 | 0.0 | 48.195 | 6.251 | 0.0 | 55.361 | 6.404 |
| 233 | 1481 | 1482 | NS | 1 | 0.0 | 47.51 | 1.639 | 0.0 | 50.663 | 1.779 | 0.0 | 48.092 | 1.358 | 0.0 | 45.347 | 1.882 | 0.0 | 48.703 | 1.712 | 0.0 | 51.202 | 1.6 | 0.0 | 49.171 | 1.564 | 0.0 | 46.479 | 1.553 |
| 234 | 1481 | 1482 | NS | 1 | 0.0 | 54.368 | 5.641 | 0.0 | 50.191 | 6.303 | 0.0 | 48.871 | 4.586 | 0.0 | 50.977 | 6.307 | 0.0 | 56.696 | 5.784 | 0.0 | 50.781 | 5.778 | 0.0 | 53.65 | 4.863 | 0.0 | 56.531 | 5.194 |
| 235 | 1481 | 1482 | NS | 1 | 0.0 | 54.368 | 5.641 | 0.0 | 50.191 | 6.303 | 0.0 | 48.871 | 4.586 | 0.0 | 50.977 | 6.307 | 0.0 | 56.696 | 5.784 | 0.0 | 50.781 | 5.778 | 0.0 | 53.65 | 4.863 | 0.0 | 56.531 | 5.194 |
| 236 | 1481 | 1482 | NS | 1 | 0.0 | 54.368 | 5.641 | 0.0 | 50.191 | 6.303 | 0.0 | 48.871 | 4.586 | 0.0 | 50.977 | 6.307 | 0.0 | 56.696 | 5.784 | 0.0 | 50.781 | 5.778 | 0.0 | 53.65 | 4.863 | 0.0 | 56.531 | 5.194 |
| 237 | 1481 | 1482 | SN | 1 | 0.0 | 58.54 | 6.355 | 0.0 | 51.913 | 6.973 | 0.0 | 52.768 | 5.584 | 0.0 | 56.82 | 8.1 | 0.0 | 57.538 | 6.305 | 0.0 | 51.218 | 6.231 | 0.0 | 49.611 | 5.719 | 0.0 | 53.302 | 5.853 |
| 238 | 1481 | 1482 | SN | 1 | 0.0 | 51.702 | 2.0 | 0.0 | 45.978 | 2.37 | 0.0 | 52.046 | 2.118 | 0.0 | 45.907 | 2.924 | 0.0 | 52.993 | 1.958 | 0.0 | 44.396 | 2.138 | 0.0 | 55.667 | 2.077 | 0.0 | 47.974 | 1.828 |
| 239 | 1481 | 1482 | SN | 1 | 0.0 | 58.54 | 6.355 | 0.0 | 51.913 | 6.973 | 0.0 | 52.768 | 5.584 | 0.0 | 56.82 | 8.1 | 0.0 | 57.538 | 6.305 | 0.0 | 51.218 | 6.231 | 0.0 | 49.611 | 5.719 | 0.0 | 53.302 | 5.853 |
| 240 | 1481 | 1482 | NS | 1 | 0.0 | 47.51 | 1.639 | 0.0 | 50.663 | 1.779 | 0.0 | 48.092 | 1.358 | 0.0 | 45.347 | 1.882 | 0.0 | 48.703 | 1.712 | 0.0 | 51.202 | 1.6 | 0.0 | 49.171 | 1.564 | 0.0 | 46.479 | 1.553 |
| 241 | 1481 | 1482 | SN | 1 | 0.0 | 51.702 | 2.0 | 0.0 | 45.978 | 2.37 | 0.0 | 52.046 | 2.118 | 0.0 | 45.907 | 2.924 | 0.0 | 52.993 | 1.958 | 0.0 | 44.396 | 2.138 | 0.0 | 55.667 | 2.077 | 0.0 | 47.974 | 1.828 |
| 242 | 1481 | 1482 | SN | 1 | 0.0 | 51.702 | 2.0 | 0.0 | 45.978 | 2.37 | 0.0 | 52.046 | 2.118 | 0.0 | 45.907 | 2.924 | 0.0 | 52.993 | 1.958 | 0.0 | 44.396 | 2.138 | 0.0 | 55.667 | 2.077 | 0.0 | 47.974 | 1.828 |
| 243 | 1481 | 1482 | NS | 1 | 0.0 | 47.51 | 1.639 | 0.0 | 50.663 | 1.779 | 0.0 | 48.092 | 1.358 | 0.0 | 45.347 | 1.882 | 0.0 | 48.703 | 1.712 | 0.0 | 51.202 | 1.6 | 0.0 | 49.171 | 1.564 | 0.0 | 46.479 | 1.553 |
| 244 | 1481 | 1482 | SN | 1 | 0.0 | 58.54 | 6.355 | 0.0 | 51.913 | 6.973 | 0.0 | 52.768 | 5.584 | 0.0 | 56.82 | 8.1 | 0.0 | 57.538 | 6.305 | 0.0 | 51.218 | 6.231 | 0.0 | 49.611 | 5.719 | 0.0 | 53.302 | 5.853 |
| 245 | 1482 | 1483 | NS | 1 | 0.0 | 50.686 | 1.627 | 0.0 | 49.359 | 1.751 | 0.0 | 54.478 | 1.788 | 0.0 | 59.094 | 2.367 | 0.0 | 49.325 | 1.625 | 0.0 | 49.605 | 1.466 | 0.0 | 57.513 | 1.731 | 0.0 | 55.654 | 1.545 |
| 246 | 1482 | 1483 | NS | 1 | 0.0 | 48.107 | 5.247 | 0.0 | 49.436 | 6.216 | 0.0 | 58.885 | 5.383 | 0.0 | 52.168 | 6.953 | 0.0 | 49.912 | 5.272 | 0.0 | 51.482 | 5.218 | 0.0 | 62.812 | 5.326 | 0.0 | 51.117 | 5.163 |
| 247 | 1482 | 1483 | SN | 1 | 0.0 | 44.577 | 4.437 | 0.0 | 45.646 | 5.597 | 0.0 | 43.133 | 4.491 | 0.0 | 52.117 | 7.171 | 0.0 | 45.998 | 3.94 | 0.0 | 46.289 | 4.454 | 0.0 | 46.485 | 4.413 | 0.0 | 52.025 | 4.694 |

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

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|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 356 | 1491 | 1492 | NS | 1 | 0.0 | 49.289 | 4.887 | 0.0 | 47.337 | 6.621 | 0.0 | 55.904 | 4.498 | 0.0 | 48.153 | 6.509 | 0.0 | 52.761 | 4.601 | 0.0 | 48.009 | 5.589 | 0.0 | 57.151 | 4.662 | 0.0 | 46.257 | 4.542 |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|

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

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|-------|-------------|-----------|------|------|---------------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------------|-------|------------|------------|-------|------------|-----------|-------|------------|------------|-------|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 1462 | 1463 | SN | 1 | 0.0 | 33.035 | 13.205 | 0.0 | 35.26 | 13.086 | 0.0 | 22.066 | 4.748 | 0.0 | 19.733 | 4.409 | 0.0 | 1.912 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.199 | 0.0 |
| 2 | 1462 | 1463 | SN | 1 | 0.0 | 40.392 | 25.472 | 0.0 | 38.434 | 25.484 | 0.0 | 25.584 | 14.334 | 0.0 | 24.412 | 14.294 | 0.0 | 1.91 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.208 | 0.0 | 0.0 | 2.202 | 0.0 |
| 3 | 1462 | 1463 | SN | 1 | 0.0 | 40.392 | 25.472 | 0.0 | 38.434 | 25.484 | 0.0 | 25.584 | 14.334 | 0.0 | 24.412 | 14.294 | 0.0 | 1.91 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.208 | 0.0 | 0.0 | 2.202 | 0.0 |
| 4 | 1462 | 1463 | SN | 1 | 0.0 | 40.392 | 25.472 | 0.0 | 38.434 | 25.484 | 0.0 | 25.584 | 14.334 | 0.0 | 24.412 | 14.294 | 0.0 | 1.91 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.208 | 0.0 | 0.0 | 2.202 | 0.0 |
| 5 | 1462 | 1463 | SN | 1 | 0.0 | 33.035 | 13.205 | 0.0 | 35.26 | 13.086 | 0.0 | 22.066 | 4.748 | 0.0 | 19.733 | 4.409 | 0.0 | 1.912 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.199 | 0.0 |
| 6 | 1462 | 1463 | SN | 1 | 0.0 | 33.035 | 13.205 | 0.0 | 35.26 | 13.086 | 0.0 | 22.066 | 4.748 | 0.0 | 19.733 | 4.409 | 0.0 | 1.912 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.199 | 0.0 |
| 7 | 1463 | 1464 | NS | 1 | 0.0 | 38.787 | 25.333 | 0.0 | 40.761 | 25.057 | 0.0 | 25.805 | 13.894 | 0.0 | 24.779 | 13.336 | 0.0 | 1.903 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.187 | 0.0 |
| 8 | 1463 | 1464 | NS | 1 | 0.0 | 38.787 | 25.333 | 0.0 | 40.761 | 25.057 | 0.0 | 25.805 | 13.894 | 0.0 | 24.779 | 13.336 | 0.0 | 1.903 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.187 | 0.0 |
| 9 | 1463 | 1464 | SN | 1 | 0.0 | 39.157 | 25.421 | 0.0 | 38.991 | 25.499 | 0.0 | 25.579 | 14.398 | 0.0 | 24.412 | 14.291 | 0.0 | 1.911 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.211 | 0.0 | 0.0 | 2.201 | 0.0 |
| 10 | 1463 | 1464 | SN | 1 | 0.0 | 39.157 | 25.421 | 0.0 | 38.991 | 25.499 | 0.0 | 25.579 | 14.398 | 0.0 | 24.412 | 14.291 | 0.0 | 1.911 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.211 | 0.0 | 0.0 | 2.201 | 0.0 |
| 11 | 1463 | 1464 | SN | 1 | 0.0 | 33.018 | 13.18 | 0.0 | 35.034 | 13.106 | 0.0 | 22.242 | 4.748 | 0.0 | 19.92 | 4.417 | 0.0 | 1.899 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.206 | 0.0 | 0.0 | 2.198 | 0.0 |
| 12 | 1463 | 1464 | NS | 1 | 0.0 | 34.703 | 13.185 | 0.0 | 34.43 | 13.634 | 0.0 | 21.944 | 4.334 | 0.0 | 19.893 | 4.032 | 0.0 | 1.892 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.188 | 0.0 | 0.0 | 2.18 | 0.0 |
| 13 | 1463 | 1464 | SN | 1 | 0.0 | 33.018 | 13.18 | 0.0 | 35.034 | 13.106 | 0.0 | 22.242 | 4.748 | 0.0 | 19.92 | 4.417 | 0.0 | 1.899 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.206 | 0.0 | 0.0 | 2.198 | 0.0 |
| 14 | 1463 | 1464 | SN | 1 | 0.0 | 33.018 | 13.18 | 0.0 | 35.034 | 13.106 | 0.0 | 22.242 | 4.748 | 0.0 | 19.92 | 4.417 | 0.0 | 1.899 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.206 | 0.0 | 0.0 | 2.198 | 0.0 |
| 15 | 1463 | 1464 | SN | 1 | 0.0 | 39.157 | 25.421 | 0.0 | 38.991 | 25.499 | 0.0 | 25.579 | 14.398 | 0.0 | 24.412 | 14.291 | 0.0 | 1.911 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.211 | 0.0 | 0.0 | 2.201 | 0.0 |
| 16 | 1463 | 1464 | NS | 1 | 0.0 | 34.703 | 13.185 | 0.0 | 34.43 | 13.634 | 0.0 | 21.944 | 4.334 | 0.0 | 19.893 | 4.032 | 0.0 | 1.892 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.188 | 0.0 | 0.0 | 2.18 | 0.0 |
| 17 | 1463 | 1464 | NS | 1 | 0.0 | 34.703 | 13.185 | 0.0 | 34.43 | 13.634 | 0.0 | 21.944 | 4.334 | 0.0 | 19.893 | 4.032 | 0.0 | 1.892 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.188 | 0.0 | 0.0 | 2.18 | 0.0 |
| 18 | 1463 | 1464 | NS | 1 | 0.0 | 38.787 | 25.333 | 0.0 | 40.761 | 25.057 | 0.0 | 25.805 | 13.894 | 0.0 | 24.779 | 13.336 | 0.0 | 1.903 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.187 | 0.0 |
| 19 | 1464 | 1465 | SN | 1 | 0.0 | 33.013 | 13.176 | 0.0 | 35.023 | 13.097 | 0.0 | 22.264 | 4.778 | 0.0 | 19.92 | 4.417 | 0.0 | 1.915 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.206 | 0.0 | 0.0 | 2.199 | 0.0 |
| 20 | 1464 | 1465 | NS | 1 | 0.0 | 34.45 | 13.173 | 0.0 | 34.574 | 13.714 | 0.0 | 22.054 | 4.337 | 0.0 | 19.882 | 4.083 | 0.0 | 1.892 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.191 | 0.0 | 0.0 | 2.186 | 0.0 |
| 21 | 1464 | 1465 | NS | 1 | 0.0 | 39.471 | 25.251 | 0.0 | 40.612 | 25.154 | 0.0 | 25.402 | 13.914 | 0.0 | 25.838 | 13.571 | 0.0 | 1.902 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.196 | 0.0 |
| 22 | 1464 | 1465 | NS | 1 | 0.0 | 34.45 | 13.173 | 0.0 | 34.574 | 13.714 | 0.0 | 22.054 | 4.337 | 0.0 | 19.882 | 4.083 | 0.0 | 1.892 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.191 | 0.0 | 0.0 | 2.186 | 0.0 |
| 23 | 1464 | 1465 | SN | 1 | 0.0 | 39.179 | 25.429 | 0.0 | 38.997 | 25.499 | 0.0 | 24.834 | 14.412 | 0.0 | 24.412 | 14.32 | 0.0 | 1.911 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.211 | 0.0 | 0.0 | 2.207 | 0.0 |
| 24 | 1464 | 1465 | NS | 1 | 0.0 | 34.45 | 13.173 | 0.0 | 34.574 | 13.714 | 0.0 | 22.054 | 4.337 | 0.0 | 19.882 | 4.083 | 0.0 | 1.892 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.191 | 0.0 | 0.0 | 2.186 | 0.0 |
| 25 | 1464 | 1465 | SN | 1 | 0.0 | 33.013 | 13.176 | 0.0 | 35.023 | 13.097 | 0.0 | 22.264 | 4.778 | 0.0 | 19.92 | 4.417 | 0.0 | 1.915 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.206 | 0.0 | 0.0 | 2.199 | 0.0 |
| 26 | 1464 | 1465 | NS | 1 | 0.0 | 39.471 | 25.251 | 0.0 | 40.612 | 25.154 | 0.0 | 25.402 | 13.914 | 0.0 | 25.838 | 13.571 | 0.0 | 1.902 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.196 | 0.0 |
| 27 | 1464 | 1465 | SN | 1 | 0.0 | 33.013 | 13.176 | 0.0 | 35.023 | 13.097 | 0.0 | 22.264 | 4.778 | 0.0 | 19.92 | 4.417 | 0.0 | 1.915 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.206 | 0.0 | 0.0 | 2.199 | 0.0 |
| 28 | 1464 | 1465 | NS | 1 | 0.0 | 39.471 | 25.251 | 0.0 | 40.612 | 25.154 | 0.0 | 25.402 | 13.914 | 0.0 | 25.838 | 13.571 | 0.0 | 1.902 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.196 | 0.0 |
| 29 | 1464 | 1465 | SN | 1 | 0.0 | 39.179 | 25.429 | 0.0 | 38.997 | 25.499 | 0.0 | 24.834 | 14.412 | 0.0 | 24.412 | 14.32 | 0.0 | 1.911 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.211 | 0.0 | 0.0 | 2.207 | 0.0 |
| 30 | 1464 | 1465 | SN | 1 | 0.0 | 39.179 | 25.429 | 0.0 | 38.997 | 25.499 | 0.0 | 24.834 | 14.412 | 0.0 | 24.412 | 14.32 | 0.0 | 1.911 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.211 | 0.0 | 0.0 | 2.207 | 0.0 |
| 31 | 1465 | 1466 | SN | 1 | 0.0 | 33.018 | 13.193 | 0.0 | 35.034 | 13.112 | 0.0 | 22.259 | 4.744 | 0.0 | 19.931 | 4.428 | 0.0 | 1.899 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.206 | 0.0 | 0.0 | 2.201 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 143 | 1473 | 1474 | SN | 1 | 0.0 | 39.245 | 25.484 | 0.0 | 39.567 | 25.576 | 0.0 | 25.876 | 14.462 | 0.0 | 25.965 | 14.516 | 0.0 | 1.909 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.212 | 0.0 | 0.0 | 2.202 | 0.0 |
| 144 | 1473 | 1474 | NS | 1 | 0.0 | 38.919 | 25.164 | 0.0 | 39.995 | 25.14 | 0.0 | 25.744 | 13.921 | 0.0 | 25.551 | 13.514 | 0.0 | 1.905 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.193 | 0.0 | 0.0 | 2.187 | 0.0 |
| 145 | 1474 | 1475 | NS | 1 | 0.0 | 34.769 | 13.269 | 0.0 | 34.364 | 13.644 | 0.0 | 22.286 | 4.355 | 0.0 | 19.915 | 4.125 | 0.0 | 1.892 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.189 | 0.0 | 0.0 | 2.18 | 0.0 |
| 146 | 1474 | 1475 | NS | 1 | 0.0 | 38.776 | 25.211 | 0.0 | 39.984 | 25.167 | 0.0 | 25.733 | 13.971 | 0.0 | 25.551 | 13.385 | 0.0 | 1.905 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.187 | 0.0 |
| 147 | 1474 | 1475 | NS | 1 | 0.0 | 38.776 | 25.211 | 0.0 | 39.984 | 25.167 | 0.0 | 25.733 | 13.971 | 0.0 | 25.551 | 13.385 | 0.0 | 1.905 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.187 | 0.0 |
| 148 | 1474 | 1475 | SN | 1 | 0.0 | 34.866 | 13.194 | 0.0 | 36.562 | 13.122 | 0.0 | 22.369 | 4.783 | 0.0 | 19.915 | 4.522 | 0.0 | 1.923 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.2 | 0.0 |
| 149 | 1474 | 1475 | SN | 1 | 0.0 | 34.866 | 13.194 | 0.0 | 36.562 | 13.122 | 0.0 | 22.369 | 4.783 | 0.0 | 19.915 | 4.522 | 0.0 | 1.923 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.2 | 0.0 |
| 150 | 1474 | 1475 | SN | 1 | 0.0 | 39.526 | 25.484 | 0.0 | 39.559 | 25.603 | 0.0 | 25.871 | 14.477 | 0.0 | 25.959 | 14.53 | 0.0 | 1.908 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.211 | 0.0 | 0.0 | 2.204 | 0.0 |
| 151 | 1474 | 1475 | SN | 1 | 0.0 | 34.866 | 13.194 | 0.0 | 36.562 | 13.122 | 0.0 | 22.369 | 4.783 | 0.0 | 19.915 | 4.522 | 0.0 | 1.923 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.2 | 0.0 |
| 152 | 1474 | 1475 | SN | 1 | 0.0 | 39.526 | 25.484 | 0.0 | 39.559 | 25.603 | 0.0 | 25.871 | 14.477 | 0.0 | 25.959 | 14.53 | 0.0 | 1.908 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.211 | 0.0 | 0.0 | 2.204 | 0.0 |
| 153 | 1474 | 1475 | SN | 1 | 0.0 | 39.526 | 25.484 | 0.0 | 39.559 | 25.603 | 0.0 | 25.871 | 14.477 | 0.0 | 25.959 | 14.53 | 0.0 | 1.908 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.211 | 0.0 | 0.0 | 2.204 | 0.0 |
| 154 | 1474 | 1475 | SN | 1 | 0.0 | 34.866 | 13.194 | 0.0 | 36.562 | 13.122 | 0.0 | 22.369 | 4.783 | 0.0 | 19.915 | 4.522 | 0.0 | 1.923 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.2 | 0.0 |
| 155 | 1474 | 1475 | NS | 1 | 0.0 | 34.769 | 13.269 | 0.0 | 34.364 | 13.644 | 0.0 | 22.286 | 4.355 | 0.0 | 19.915 | 4.125 | 0.0 | 1.892 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.189 | 0.0 | 0.0 | 2.18 | 0.0 |
| 156 | 1474 | 1475 | NS | 1 | 0.0 | 38.776 | 25.211 | 0.0 | 39.984 | 25.167 | 0.0 | 25.733 | 13.971 | 0.0 | 25.551 | 13.385 | 0.0 | 1.905 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.187 | 0.0 |
| 157 | 1474 | 1475 | SN | 1 | 0.0 | 39.526 | 25.484 | 0.0 | 39.559 | 25.603 | 0.0 | 25.871 | 14.477 | 0.0 | 25.959 | 14.53 | 0.0 | 1.908 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.211 | 0.0 | 0.0 | 2.204 | 0.0 |
| 158 | 1474 | 1475 | NS | 1 | 0.0 | 34.769 | 13.269 | 0.0 | 34.364 | 13.644 | 0.0 | 22.286 | 4.355 | 0.0 | 19.915 | 4.125 | 0.0 | 1.892 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.189 | 0.0 | 0.0 | 2.18 | 0.0 |
| 159 | 1475 | 1476 | SN | 1 | 0.0 | 39.543 | 25.505 | 0.0 | 39.581 | 25.601 | 0.0 | 25.882 | 14.441 | 0.0 | 25.943 | 14.522 | 0.0 | 1.908 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.204 | 0.0 |
| 160 | 1475 | 1476 | SN | 1 | 0.0 | 34.866 | 13.195 | 0.0 | 37.268 | 13.109 | 0.0 | 22.38 | 4.798 | 0.0 | 19.915 | 4.497 | 0.0 | 1.913 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.209 | 0.0 | 0.0 | 2.198 | 0.0 |
| 161 | 1475 | 1476 | NS | 1 | 0.0 | 38.765 | 25.246 | 0.0 | 41.236 | 25.175 | 0.0 | 25.744 | 13.933 | 0.0 | 25.534 | 13.49 | 0.0 | 1.905 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.193 | 0.0 | 0.0 | 2.188 | 0.0 |
| 162 | 1475 | 1476 | SN | 1 | 0.0 | 39.543 | 25.505 | 0.0 | 39.581 | 25.601 | 0.0 | 25.882 | 14.441 | 0.0 | 25.943 | 14.522 | 0.0 | 1.908 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.204 | 0.0 |
| 163 | 1475 | 1476 | NS | 1 | 0.0 | 38.765 | 25.246 | 0.0 | 41.236 | 25.175 | 0.0 | 25.744 | 13.933 | 0.0 | 25.534 | 13.49 | 0.0 | 1.905 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.193 | 0.0 | 0.0 | 2.188 | 0.0 |
| 164 | 1475 | 1476 | NS | 1 | 0.0 | 38.765 | 25.246 | 0.0 | 41.236 | 25.175 | 0.0 | 25.744 | 13.933 | 0.0 | 25.534 | 13.49 | 0.0 | 1.905 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.193 | 0.0 | 0.0 | 2.188 | 0.0 |
| 165 | 1475 | 1476 | SN | 1 | 0.0 | 34.866 | 13.195 | 0.0 | 37.268 | 13.109 | 0.0 | 22.38 | 4.798 | 0.0 | 19.915 | 4.497 | 0.0 | 1.913 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.209 | 0.0 | 0.0 | 2.198 | 0.0 |
| 166 | 1475 | 1476 | SN | 1 | 0.0 | 34.866 | 13.195 | 0.0 | 37.268 | 13.109 | 0.0 | 22.38 | 4.798 | 0.0 | 19.915 | 4.497 | 0.0 | 1.913 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.209 | 0.0 | 0.0 | 2.198 | 0.0 |
| 167 | 1475 | 1476 | NS | 1 | 0.0 | 34.758 | 13.263 | 0.0 | 34.358 | 13.629 | 0.0 | 22.292 | 4.361 | 0.0 | 19.904 | 4.15 | 0.0 | 1.893 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.188 | 0.0 | 0.0 | 2.179 | 0.0 |
| 168 | 1475 | 1476 | NS | 1 | 0.0 | 34.758 | 13.263 | 0.0 | 34.358 | 13.629 | 0.0 | 22.292 | 4.361 | 0.0 | 19.904 | 4.15 | 0.0 | 1.893 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.188 | 0.0 | 0.0 | 2.179 | 0.0 |
| 169 | 1475 | 1476 | NS | 1 | 0.0 | 34.758 | 13.263 | 0.0 | 34.358 | 13.629 | 0.0 | 22.292 | 4.361 | 0.0 | 19.904 | 4.15 | 0.0 | 1.893 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.188 | 0.0 | 0.0 | 2.179 | 0.0 |
| 170 | 1475 | 1476 | NS | 1 | 0.0 | 38.765 | 25.246 | 0.0 | 41.236 | 25.175 | 0.0 | 25.744 | 13.933 | 0.0 | 25.534 | 13.49 | 0.0 | 1.905 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.193 | 0.0 | 0.0 | 2.188 | 0.0 |
| 171 | 1475 | 1476 | NS | 1 | 0.0 | 34.758 | 13.263 | 0.0 | 34.358 | 13.629 | 0.0 | 22.292 | 4.361 | 0.0 | 19.904 | 4.15 | 0.0 | 1.893 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.188 | 0.0 | 0.0 | 2.179 | 0.0 |
| 172 | 1475 | 1476 | SN | 1 | 0.0 | 39.543 | 25.505 | 0.0 | 39.581 | 25.601 | 0.0 | 25.882 | 14.441 | 0.0 | 25.943 | 14.522 | 0.0 | 1.908 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.204 | 0.0 |
| 173 | 1476 | 1477 | SN | 1 | 0.0 | 39.978 | 25.558 | 0.0 | 39.603 | 25.62 | 0.0 | 25.898 | 14.441 | 0.0 | 25.937 | 14.494 | 0.0 | 1.91 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.209 | 0.0 |
| 174 | 1476 | 1477 | SN | 1 | 0.0 | 34.838 | 13.206 | 0.0 | 37.262 | 13.107 | 0.0 | 22.363 | 4.781 | 0.0 | 19.904 | 4.525 | 0.0 | 1.899 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.209 | 0.0 | 0.0 | 2.198 | 0.0 |
| 175 | 1476 | 1477 | NS | 1 | 0.0 | 38.77 | 25.295 | 0.0 | 41.589 | 25.241 | 0.0 | 25.761 | 13.963 | 0.0 | 25.529 | 13.626 | 0.0 | 1.904 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.187 | 0.0 |
| 176 | 1476 | 1477 | NS | 1 | 0.0 | 38.77 | 25.295 | 0.0 | 41.589 | 25.241 | 0.0 | 25.761 | 13.963 | 0.0 | 25.529 | 13.626 | 0.0 | 1.904 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.187 | 0.0 |
| 177 | 1476 | 1477 | SN | 1 | 0.0 | 39.978 | 25.558 | 0.0 | 39.603 | 25.62 | 0.0 | 25.898 | 14.441 | 0.0 | 25.937 | 14.494 | 0.0 | 1.91 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.209 | 0.0 |
| 178 | 1476 | 1477 | SN | 1 | 0.0 | 34.838 | 13.206 | 0.0 | 37.262 | 13.107 | 0.0 | 22.363 | 4.781 | 0.0 | 19.904 | 4.525 | 0.0 | 1.899 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.209 | 0.0 | 0.0 | 2.198 | 0.0 |
| 179 | 1476 | 1477 | SN | 1 | 0.0 | 34.838 | 13.206 | 0.0 | 37.262 | 13.107 | 0.0 | 22.363 | 4.781 | 0.0 | 19.904 | 4.525 | 0.0 | 1.899 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.209 | 0.0 | 0.0 | 2.198 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 180 | 1476 | 1477 | NS | 1 | 0.0 | 34.786 | 13.275 | 0.0 | 34.392 | 13.612 | 0.0 | 22.297 | 4.382 | 0.0 | 19.909 | 4.15 | 0.0 | 1.892 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.19 | 0.0 | 0.0 | 2.18 | 0.0 |
| 181 | 1476 | 1477 | SN | 1 | 0.0 | 39.978 | 25.558 | 0.0 | 39.603 | 25.62 | 0.0 | 25.898 | 14.441 | 0.0 | 25.937 | 14.494 | 0.0 | 1.91 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.209 | 0.0 |
| 182 | 1476 | 1477 | NS | 1 | 0.0 | 34.786 | 13.275 | 0.0 | 34.392 | 13.612 | 0.0 | 22.297 | 4.382 | 0.0 | 19.909 | 4.15 | 0.0 | 1.892 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.19 | 0.0 | 0.0 | 2.18 | 0.0 |
| 183 | 1476 | 1477 | NS | 1 | 0.0 | 34.786 | 13.275 | 0.0 | 34.392 | 13.612 | 0.0 | 22.297 | 4.382 | 0.0 | 19.909 | 4.15 | 0.0 | 1.892 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.19 | 0.0 | 0.0 | 2.18 | 0.0 |
| 184 | 1476 | 1477 | NS | 1 | 0.0 | 38.77 | 25.295 | 0.0 | 41.589 | 25.241 | 0.0 | 25.761 | 13.963 | 0.0 | 25.529 | 13.626 | 0.0 | 1.904 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.187 | 0.0 |
| 185 | 1477 | 1478 | NS | 1 | 0.0 | 34.797 | 13.305 | 0.0 | 34.243 | 13.609 | 0.0 | 22.314 | 4.393 | 0.0 | 19.898 | 4.146 | 0.0 | 1.893 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.192 | 0.0 | 0.0 | 2.181 | 0.0 |
| 186 | 1477 | 1478 | SN | 1 | 0.0 | 39.989 | 25.573 | 0.0 | 39.603 | 25.486 | 0.0 | 25.893 | 14.384 | 0.0 | 23.883 | 14.243 | 0.0 | 1.909 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.215 | 0.0 | 0.0 | 2.204 | 0.0 |
| 187 | 1477 | 1478 | NS | 1 | 0.0 | 34.797 | 13.305 | 0.0 | 34.243 | 13.609 | 0.0 | 22.314 | 4.393 | 0.0 | 19.898 | 4.146 | 0.0 | 1.893 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.192 | 0.0 | 0.0 | 2.181 | 0.0 |
| 188 | 1477 | 1478 | SN | 1 | 0.0 | 39.989 | 25.573 | 0.0 | 39.603 | 25.486 | 0.0 | 25.893 | 14.384 | 0.0 | 23.883 | 14.243 | 0.0 | 1.909 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.215 | 0.0 | 0.0 | 2.204 | 0.0 |
| 189 | 1477 | 1478 | NS | 1 | 0.0 | 38.743 | 25.278 | 0.0 | 41.219 | 25.207 | 0.0 | 25.766 | 14.013 | 0.0 | 25.518 | 13.533 | 0.0 | 1.905 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.196 | 0.0 | 0.0 | 2.188 | 0.0 |
| 190 | 1477 | 1478 | SN | 1 | 0.0 | 39.989 | 25.573 | 0.0 | 39.603 | 25.486 | 0.0 | 25.893 | 14.384 | 0.0 | 23.883 | 14.243 | 0.0 | 1.909 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.215 | 0.0 | 0.0 | 2.204 | 0.0 |
| 191 | 1477 | 1478 | SN | 1 | 0.0 | 32.439 | 13.205 | 0.0 | 34.621 | 13.126 | 0.0 | 22.303 | 4.784 | 0.0 | 19.352 | 4.398 | 0.0 | 1.904 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.196 | 0.0 |
| 192 | 1477 | 1478 | SN | 1 | 0.0 | 32.439 | 13.205 | 0.0 | 34.621 | 13.126 | 0.0 | 22.303 | 4.784 | 0.0 | 19.352 | 4.398 | 0.0 | 1.904 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.196 | 0.0 |
| 193 | 1477 | 1478 | NS | 1 | 0.0 | 34.797 | 13.305 | 0.0 | 34.243 | 13.609 | 0.0 | 22.314 | 4.393 | 0.0 | 19.898 | 4.146 | 0.0 | 1.893 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.192 | 0.0 | 0.0 | 2.181 | 0.0 |
| 194 | 1477 | 1478 | NS | 1 | 0.0 | 38.743 | 25.278 | 0.0 | 41.219 | 25.207 | 0.0 | 25.766 | 14.013 | 0.0 | 25.518 | 13.533 | 0.0 | 1.905 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.196 | 0.0 | 0.0 | 2.188 | 0.0 |
| 195 | 1477 | 1478 | NS | 1 | 0.0 | 38.743 | 25.278 | 0.0 | 41.219 | 25.207 | 0.0 | 25.766 | 14.013 | 0.0 | 25.518 | 13.533 | 0.0 | 1.905 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.196 | 0.0 | 0.0 | 2.188 | 0.0 |
| 196 | 1477 | 1478 | SN | 1 | 0.0 | 32.439 | 13.205 | 0.0 | 34.621 | 13.126 | 0.0 | 22.303 | 4.784 | 0.0 | 19.352 | 4.398 | 0.0 | 1.904 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.196 | 0.0 |
| 197 | 1478 | 1479 | NS | 1 | 0.0 | 38.721 | 25.228 | 0.0 | 40.789 | 25.182 | 0.0 | 25.088 | 13.984 | 0.0 | 25.512 | 13.376 | 0.0 | 1.908 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.192 | 0.0 |
| 198 | 1478 | 1479 | SN | 1 | 0.0 | 39.388 | 25.482 | 0.0 | 38.635 | 25.54 | 0.0 | 25.887 | 14.397 | 0.0 | 25.937 | 14.477 | 0.0 | 1.908 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.204 | 0.0 |
| 199 | 1478 | 1479 | SN | 1 | 0.0 | 34.838 | 13.178 | 0.0 | 36.325 | 13.123 | 0.0 | 22.054 | 4.791 | 0.0 | 19.959 | 4.525 | 0.0 | 1.934 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.197 | 0.0 |
| 200 | 1478 | 1479 | NS | 1 | 0.0 | 38.721 | 25.228 | 0.0 | 40.789 | 25.182 | 0.0 | 25.088 | 13.984 | 0.0 | 25.512 | 13.376 | 0.0 | 1.908 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.192 | 0.0 |
| 201 | 1478 | 1479 | SN | 1 | 0.0 | 39.388 | 25.482 | 0.0 | 38.635 | 25.54 | 0.0 | 25.887 | 14.397 | 0.0 | 25.937 | 14.477 | 0.0 | 1.908 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.204 | 0.0 |
| 202 | 1478 | 1479 | NS | 1 | 0.0 | 34.797 | 13.278 | 0.0 | 34.259 | 13.625 | 0.0 | 22.225 | 4.355 | 0.0 | 19.904 | 4.112 | 0.0 | 1.9 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.19 | 0.0 | 0.0 | 2.189 | 0.0 |
| 203 | 1478 | 1479 | SN | 1 | 0.0 | 34.838 | 13.178 | 0.0 | 36.325 | 13.123 | 0.0 | 22.054 | 4.791 | 0.0 | 19.959 | 4.525 | 0.0 | 1.934 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.197 | 0.0 |
| 204 | 1478 | 1479 | SN | 1 | 0.0 | 34.838 | 13.178 | 0.0 | 36.325 | 13.123 | 0.0 | 22.054 | 4.791 | 0.0 | 19.959 | 4.525 | 0.0 | 1.934 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.197 | 0.0 |
| 205 | 1478 | 1479 | SN | 1 | 0.0 | 39.388 | 25.482 | 0.0 | 38.635 | 25.54 | 0.0 | 25.887 | 14.397 | 0.0 | 25.937 | 14.477 | 0.0 | 1.908 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.204 | 0.0 |
| 206 | 1478 | 1479 | NS | 1 | 0.0 | 38.721 | 25.228 | 0.0 | 40.789 | 25.182 | 0.0 | 25.088 | 13.984 | 0.0 | 25.512 | 13.376 | 0.0 | 1.908 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.192 | 0.0 |
| 207 | 1478 | 1479 | NS | 1 | 0.0 | 34.797 | 13.278 | 0.0 | 34.259 | 13.625 | 0.0 | 22.225 | 4.355 | 0.0 | 19.904 | 4.112 | 0.0 | 1.9 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.19 | 0.0 | 0.0 | 2.189 | 0.0 |
| 208 | 1478 | 1479 | NS | 1 | 0.0 | 34.797 | 13.278 | 0.0 | 34.259 | 13.625 | 0.0 | 22.225 | 4.355 | 0.0 | 19.904 | 4.112 | 0.0 | 1.9 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.19 | 0.0 | 0.0 | 2.189 | 0.0 |
| 209 | 1479 | 1480 | NS | 1 | 0.0 | 34.803 | 13.241 | 0.0 | 34.54 | 13.632 | 0.0 | 22.391 | 4.355 | 0.0 | 19.893 | 4.098 | 0.0 | 1.893 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.189 | 0.0 | 0.0 | 2.18 | 0.0 |
| 210 | 1479 | 1480 | SN | 1 | 0.0 | 33.057 | 13.181 | 0.0 | 35.299 | 13.115 | 0.0 | 22.071 | 4.766 | 0.0 | 19.711 | 4.382 | 0.0 | 1.899 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.209 | 0.0 | 0.0 | 2.199 | 0.0 |
| 211 | 1479 | 1480 | NS | 1 | 0.0 | 34.803 | 13.241 | 0.0 | 34.54 | 13.632 | 0.0 | 22.391 | 4.355 | 0.0 | 19.893 | 4.098 | 0.0 | 1.893 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.189 | 0.0 | 0.0 | 2.18 | 0.0 |
| 212 | 1479 | 1480 | SN | 1 | 0.0 | 33.057 | 13.181 | 0.0 | 35.299 | 13.115 | 0.0 | 22.071 | 4.766 | 0.0 | 19.711 | 4.382 | 0.0 | 1.899 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.209 | 0.0 | 0.0 | 2.199 | 0.0 |
| 213 | 1479 | 1480 | NS | 1 | 0.0 | 38.908 | 25.35 | 0.0 | 39.653 | 25.209 | 0.0 | 25.794 | 14.015 | 0.0 | 24.795 | 13.336 | 0.0 | 1.903 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.193 | 0.0 | 0.0 | 2.187 | 0.0 |
| 214 | 1479 | 1480 | SN | 1 | 0.0 | 39.394 | 25.491 | 0.0 | 38.423 | 25.471 | 0.0 | 25.915 | 14.396 | 0.0 | 24.44 | 14.293 | 0.0 | 1.907 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.203 | 0.0 |
| 215 | 1479 | 1480 | SN | 1 | 0.0 | 39.394 | 25.491 | 0.0 | 38.423 | 25.471 | 0.0 | 25.915 | 14.396 | 0.0 | 24.44 | 14.293 | 0.0 | 1.907 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.203 | 0.0 |
| 216 | 1479 | 1480 | NS | 1 | 0.0 | 38.908 | 25.35 | 0.0 | 39.653 | 25.209 | 0.0 | 25.794 | 14.015 | 0.0 | 24.795 | 13.336 | 0.0 | 1.903 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.193 | 0.0 | 0.0 | 2.187 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 328 | 1489 | 1490 | NS | 1 | 0.0 | 34.609 | 13.339 | 0.0 | 34.59 | 13.611 | 0.0 | 22.176 | 4.347 | 0.0 | 19.931 | 4.179 | 0.0 | 1.895 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.188 | 0.0 | 0.0 | 2.185 | 0.0 |
| 329 | 1489 | 1490 | SN | 1 | 0.0 | 34.54 | 13.17 | 0.0 | 36.755 | 13.123 | 0.0 | 22.192 | 4.807 | 0.0 | 19.97 | 4.515 | 0.0 | 1.9 | 0.0 | 0.0 | 1.905 | 0.0 | 0.0 | 2.203 | 0.0 | 0.0 | 2.195 | 0.0 |
| 330 | 1489 | 1490 | NS | 1 | 0.0 | 39.46 | 25.263 | 0.0 | 40.392 | 25.173 | 0.0 | 25.452 | 13.89 | 0.0 | 25.816 | 13.771 | 0.0 | 1.905 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.186 | 0.0 |
| 331 | 1489 | 1490 | SN | 1 | 0.0 | 39.195 | 25.507 | 0.0 | 39.099 | 25.567 | 0.0 | 25.612 | 14.344 | 0.0 | 25.639 | 14.471 | 0.0 | 1.911 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.203 | 0.0 |
| 332 | 1489 | 1490 | SN | 1 | 0.0 | 39.195 | 25.507 | 0.0 | 39.099 | 25.567 | 0.0 | 25.612 | 14.344 | 0.0 | 25.639 | 14.471 | 0.0 | 1.911 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.203 | 0.0 |
| 333 | 1489 | 1490 | SN | 1 | 0.0 | 39.195 | 25.507 | 0.0 | 39.099 | 25.567 | 0.0 | 25.612 | 14.344 | 0.0 | 25.639 | 14.471 | 0.0 | 1.911 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.203 | 0.0 |
| 334 | 1489 | 1490 | NS | 1 | 0.0 | 39.46 | 25.263 | 0.0 | 40.392 | 25.173 | 0.0 | 25.452 | 13.89 | 0.0 | 25.816 | 13.771 | 0.0 | 1.905 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.186 | 0.0 |
| 335 | 1489 | 1490 | NS | 1 | 0.0 | 34.609 | 13.339 | 0.0 | 34.59 | 13.611 | 0.0 | 22.176 | 4.347 | 0.0 | 19.931 | 4.179 | 0.0 | 1.895 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.188 | 0.0 | 0.0 | 2.185 | 0.0 |
| 336 | 1489 | 1490 | NS | 1 | 0.0 | 39.46 | 25.263 | 0.0 | 40.392 | 25.173 | 0.0 | 25.452 | 13.89 | 0.0 | 25.816 | 13.771 | 0.0 | 1.905 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.194 | 0.0 | 0.0 | 2.186 | 0.0 |
| 337 | 1489 | 1490 | SN | 1 | 0.0 | 34.54 | 13.17 | 0.0 | 36.755 | 13.123 | 0.0 | 22.192 | 4.807 | 0.0 | 19.97 | 4.515 | 0.0 | 1.9 | 0.0 | 0.0 | 1.905 | 0.0 | 0.0 | 2.203 | 0.0 | 0.0 | 2.195 | 0.0 |
| 338 | 1489 | 1490 | SN | 1 | 0.0 | 34.54 | 13.17 | 0.0 | 36.755 | 13.123 | 0.0 | 22.192 | 4.807 | 0.0 | 19.97 | 4.515 | 0.0 | 1.9 | 0.0 | 0.0 | 1.905 | 0.0 | 0.0 | 2.203 | 0.0 | 0.0 | 2.195 | 0.0 |
| 339 | 1490 | 1491 | NS | 1 | 0.0 | 34.742 | 13.34 | 0.0 | 34.325 | 13.605 | 0.0 | 22.281 | 4.36 | 0.0 | 19.926 | 4.217 | 0.0 | 1.897 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.189 | 0.0 | 0.0 | 2.184 | 0.0 |
| 340 | 1490 | 1491 | NS | 1 | 0.0 | 34.742 | 13.34 | 0.0 | 34.325 | 13.605 | 0.0 | 22.281 | 4.36 | 0.0 | 19.926 | 4.217 | 0.0 | 1.897 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.189 | 0.0 | 0.0 | 2.184 | 0.0 |
| 341 | 1490 | 1491 | NS | 1 | 0.0 | 34.742 | 13.34 | 0.0 | 34.325 | 13.605 | 0.0 | 22.281 | 4.36 | 0.0 | 19.926 | 4.217 | 0.0 | 1.897 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.189 | 0.0 | 0.0 | 2.184 | 0.0 |
| 342 | 1490 | 1491 | SN | 1 | 0.0 | 39.918 | 25.516 | 0.0 | 39.419 | 25.569 | 0.0 | 25.843 | 14.338 | 0.0 | 25.634 | 14.473 | 0.0 | 1.91 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.212 | 0.0 | 0.0 | 2.2 | 0.0 |
| 343 | 1490 | 1491 | SN | 1 | 0.0 | 39.918 | 25.516 | 0.0 | 39.419 | 25.569 | 0.0 | 25.843 | 14.338 | 0.0 | 25.634 | 14.473 | 0.0 | 1.91 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.212 | 0.0 | 0.0 | 2.2 | 0.0 |
| 344 | 1490 | 1491 | SN | 1 | 0.0 | 34.893 | 13.169 | 0.0 | 36.562 | 13.18 | 0.0 | 22.281 | 4.799 | 0.0 | 19.915 | 4.498 | 0.0 | 1.912 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.196 | 0.0 |
| 345 | 1490 | 1491 | SN | 1 | 0.0 | 34.893 | 13.169 | 0.0 | 36.562 | 13.18 | 0.0 | 22.281 | 4.799 | 0.0 | 19.915 | 4.498 | 0.0 | 1.912 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.196 | 0.0 |
| 346 | 1490 | 1491 | NS | 1 | 0.0 | 38.815 | 25.194 | 0.0 | 40.568 | 25.201 | 0.0 | 25.722 | 14.007 | 0.0 | 25.568 | 13.875 | 0.0 | 1.906 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.196 | 0.0 | 0.0 | 2.187 | 0.0 |
| 347 | 1490 | 1491 | NS | 1 | 0.0 | 38.815 | 25.194 | 0.0 | 40.568 | 25.201 | 0.0 | 25.722 | 14.007 | 0.0 | 25.568 | 13.875 | 0.0 | 1.906 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.196 | 0.0 | 0.0 | 2.187 | 0.0 |
| 348 | 1490 | 1491 | SN | 1 | 0.0 | 34.893 | 13.169 | 0.0 | 36.562 | 13.18 | 0.0 | 22.281 | 4.799 | 0.0 | 19.915 | 4.498 | 0.0 | 1.912 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.196 | 0.0 |
| 349 | 1490 | 1491 | SN | 1 | 0.0 | 39.918 | 25.516 | 0.0 | 39.419 | 25.569 | 0.0 | 25.843 | 14.338 | 0.0 | 25.634 | 14.473 | 0.0 | 1.91 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.212 | 0.0 | 0.0 | 2.2 | 0.0 |
| 350 | 1490 | 1491 | NS | 1 | 0.0 | 38.815 | 25.194 | 0.0 | 40.568 | 25.201 | 0.0 | 25.722 | 14.007 | 0.0 | 25.568 | 13.875 | 0.0 | 1.906 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.196 | 0.0 | 0.0 | 2.187 | 0.0 |
| 351 | 1491 | 1492 | NS | 1 | 0.0 | 38.417 | 25.228 | 0.0 | 40.839 | 25.241 | 0.0 | 25.011 | 13.985 | 0.0 | 25.143 | 13.874 | 0.0 | 1.906 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.187 | 0.0 |
| 352 | 1491 | 1492 | NS | 1 | 0.0 | 34.747 | 13.33 | 0.0 | 34.353 | 13.577 | 0.0 | 21.762 | 4.375 | 0.0 | 19.871 | 4.212 | 0.0 | 1.896 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.191 | 0.0 | 0.0 | 2.186 | 0.0 |
| 353 | 1491 | 1492 | NS | 1 | 0.0 | 38.417 | 25.228 | 0.0 | 40.839 | 25.241 | 0.0 | 25.011 | 13.985 | 0.0 | 25.143 | 13.874 | 0.0 | 1.906 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.187 | 0.0 |
| 354 | 1491 | 1492 | NS | 1 | 0.0 | 34.747 | 13.33 | 0.0 | 34.353 | 13.577 | 0.0 | 21.762 | 4.375 | 0.0 | 19.871 | 4.212 | 0.0 | 1.896 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.191 | 0.0 | 0.0 | 2.186 | 0.0 |
| 355 | 1491 | 1492 | NS | 1 | 0.0 | 34.747 | 13.33 | 0.0 | 34.353 | 13.577 | 0.0 | 21.762 | 4.375 | 0.0 | 19.871 | 4.212 | 0.0 | 1.896 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.191 | 0.0 | 0.0 | 2.186 | 0.0 |
| 356 | 1491 | 1492 | NS | 1 | 0.0 | 38.417 | 25.228 | 0.0 | 40.839 | 25.241 | 0.0 | 25.011 | 13.985 | 0.0 | 25.143 | 13.874 | 0.0 | 1.906 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.187 | 0.0 |

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