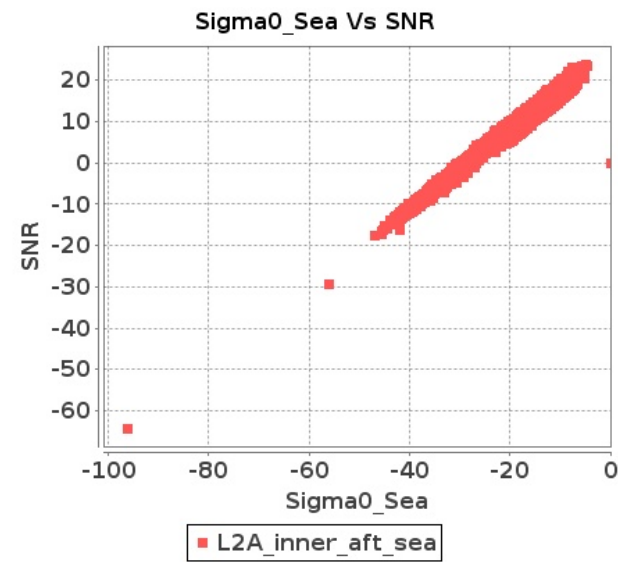


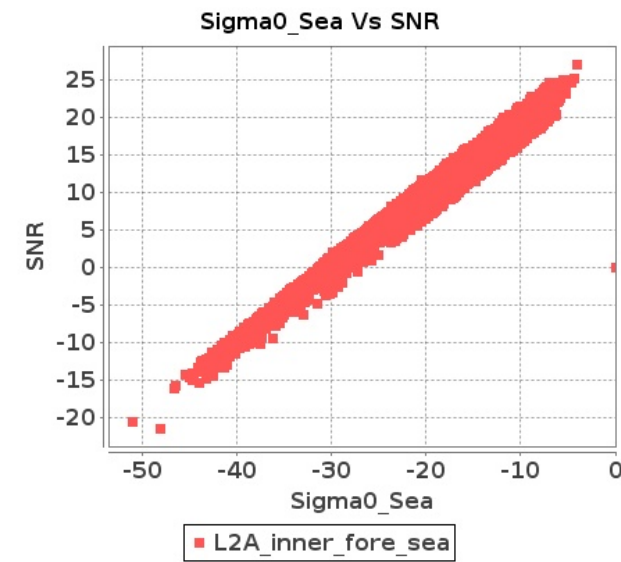
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 20-JAN-2018 To 21-JAN-2018

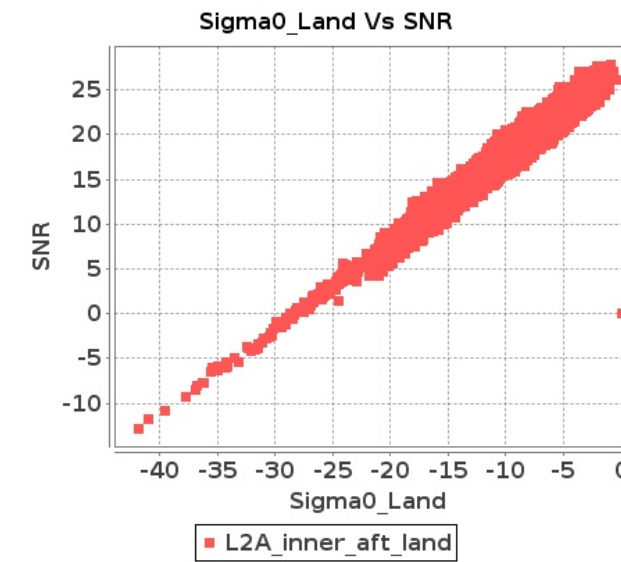
Inner Sea Aft Sigma0VsSNR



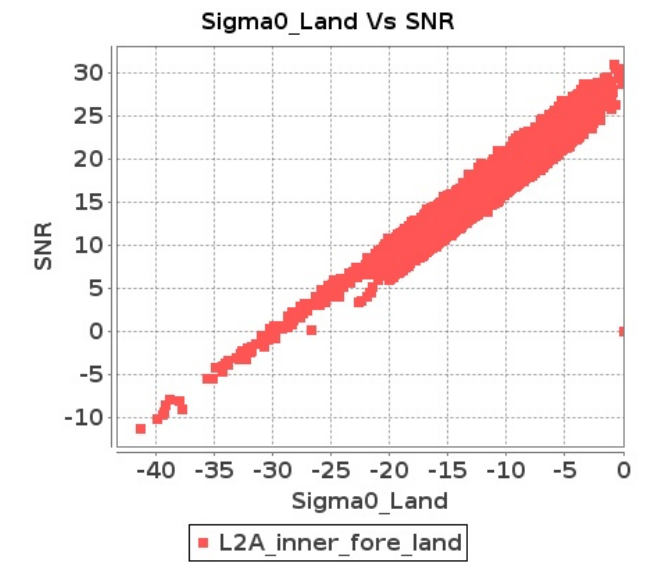
Inner Sea Fore Sigma0VsSNR



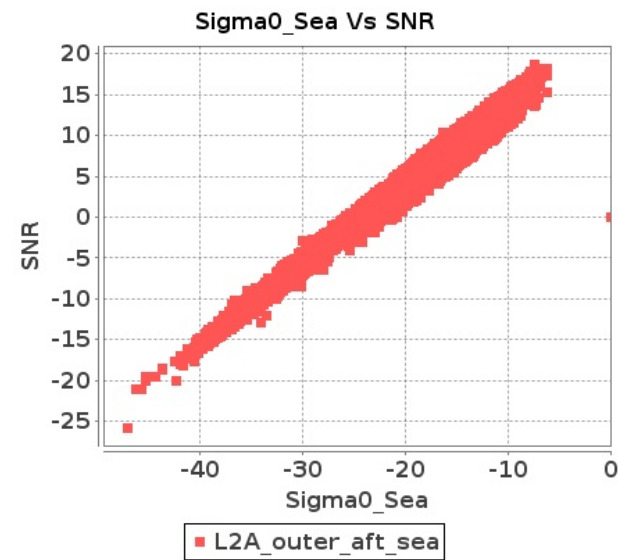
Inner Land Aft Sigma0VsSNR



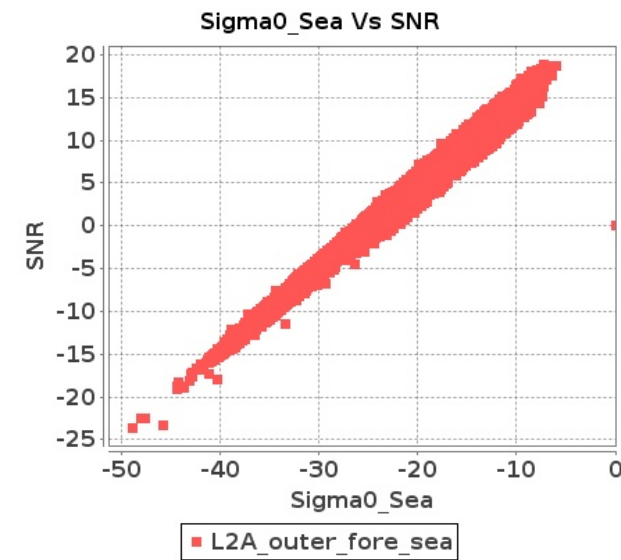
Inner Land Fore Sigma0VsSNR



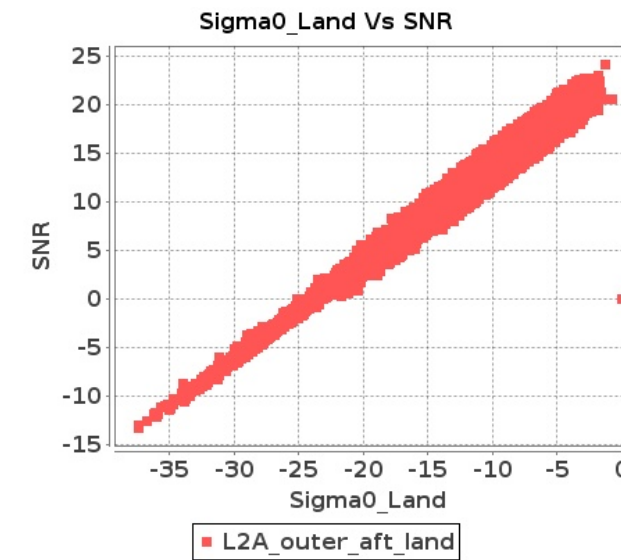
Outer Sea Aft Sigma0VsSNR



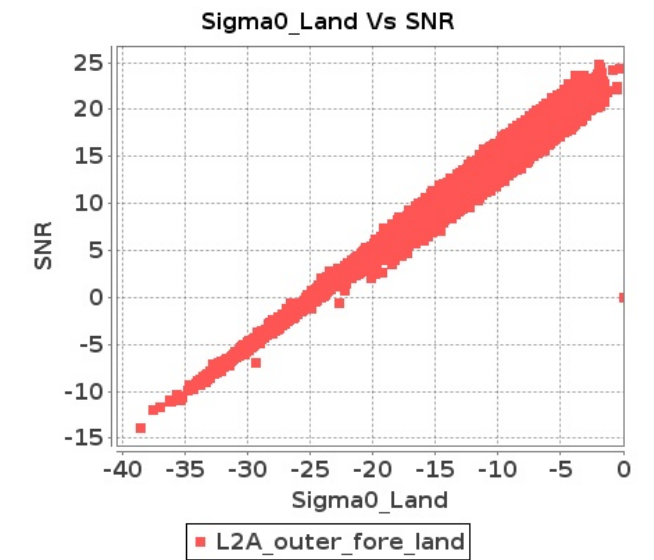
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 20-JAN-2018 To 21-JAN-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 | 6971 | 6972 | SN | 1 | 0.0 | 47.128 | 1.601 | 0.0 | 47.01 | 1.12 | 0.0 | 38.975 | 1.085 | 0.0 | 41.888 | 0.985 | 0.0 | 44.657 | 1.334 | 0.0 | 46.128 | 0.989 | 0.0 | 35.224 | 0.995 | 0.0 | 44.027 | 0.821 |
| 2 | 6971 | 6972 | SN | 1 | 0.0 | 49.916 | 4.73 | 0.0 | 50.692 | 3.722 | 0.0 | 39.274 | 3.521 | 0.0 | 40.596 | 3.111 | 0.0 | 49.364 | 4.288 | 0.0 | 53.127 | 3.278 | 0.0 | 43.061 | 3.308 | 0.0 | 41.414 | 2.904 |
| 3 | 6971 | 6972 | SN | 1 | 0.0 | 47.128 | 1.678 | 0.0 | 47.01 | 1.173 | 0.0 | 38.975 | 1.134 | 0.0 | 41.888 | 1.034 | 0.0 | 44.657 | 1.398 | 0.0 | 46.128 | 1.035 | 0.0 | 35.224 | 1.041 | 0.0 | 44.027 | 0.862 |
| 4 | 6971 | 6972 | SN | 1 | 0.0 | 49.916 | 4.73 | 0.0 | 50.692 | 3.722 | 0.0 | 39.274 | 3.521 | 0.0 | 40.596 | 3.111 | 0.0 | 49.364 | 4.288 | 0.0 | 53.127 | 3.278 | 0.0 | 43.061 | 3.308 | 0.0 | 41.414 | 2.904 |
| 5 | 6971 | 6972 | SN | 1 | 0.0 | 49.916 | 4.964 | 0.0 | 50.692 | 3.888 | 0.0 | 39.274 | 3.633 | 0.0 | 40.596 | 3.264 | 0.0 | 49.364 | 4.5 | 0.0 | 53.127 | 3.422 | 0.0 | 43.061 | 3.461 | 0.0 | 41.414 | 3.046 |
| 6 | 6971 | 6972 | SN | 1 | 0.0 | 47.128 | 1.601 | 0.0 | 47.01 | 1.12 | 0.0 | 38.975 | 1.085 | 0.0 | 41.888 | 0.985 | 0.0 | 44.657 | 1.334 | 0.0 | 46.128 | 0.989 | 0.0 | 35.224 | 0.995 | 0.0 | 44.027 | 0.821 |
| 7 | 6972 | 6973 | SN | 1 | 0.0 | 43.437 | 5.853 | 0.0 | 47.884 | 5.317 | 0.0 | 47.126 | 4.849 | 0.0 | 47.621 | 4.576 | 0.0 | 46.642 | 5.432 | 0.0 | 47.584 | 4.812 | 0.0 | 46.17 | 4.579 | 0.0 | 46.272 | 4.305 |
| 8 | 6972 | 6973 | SN | 1 | 0.0 | 43.437 | 5.933 | 0.0 | 47.884 | 5.385 | 0.0 | 47.126 | 4.92 | 0.0 | 47.621 | 4.636 | 0.0 | 46.642 | 5.506 | 0.0 | 47.584 | 4.874 | 0.0 | 46.17 | 4.646 | 0.0 | 46.272 | 4.361 |
| 9 | 6972 | 6973 | SN | 1 | 0.0 | 50.575 | 1.908 | 0.0 | 47.281 | 1.826 | 0.0 | 44.665 | 1.509 | 0.0 | 42.153 | 1.421 | 0.0 | 49.631 | 1.738 | 0.0 | 45.23 | 1.586 | 0.0 | 44.073 | 1.415 | 0.0 | 39.194 | 1.289 |
| 10 | 6972 | 6973 | SN | 1 | 0.0 | 43.437 | 5.853 | 0.0 | 47.884 | 5.317 | 0.0 | 47.126 | 4.849 | 0.0 | 47.621 | 4.576 | 0.0 | 46.642 | 5.432 | 0.0 | 47.584 | 4.812 | 0.0 | 46.17 | 4.579 | 0.0 | 46.272 | 4.305 |
| 11 | 6972 | 6973 | SN | 1 | 0.0 | 50.575 | 1.935 | 0.0 | 47.281 | 1.85 | 0.0 | 44.665 | 1.531 | 0.0 | 42.153 | 1.437 | 0.0 | 49.631 | 1.763 | 0.0 | 45.23 | 1.606 | 0.0 | 44.073 | 1.436 | 0.0 | 39.194 | 1.304 |
| 12 | 6972 | 6973 | NS | 1 | 0.0 | 54.436 | 6.02 | 0.0 | 52.863 | 5.57 | 0.0 | 44.291 | 4.688 | 0.0 | 46.415 | 4.948 | 0.0 | 50.236 | 5.061 | 0.0 | 53.98 | 5.035 | 0.0 | 46.204 | 4.113 | 0.0 | 45.296 | 4.31 |
| 13 | 6972 | 6973 | NS | 1 | 0.0 | 45.247 | 2.148 | 0.0 | 52.023 | 1.937 | 0.0 | 39.401 | 1.339 | 0.0 | 46.227 | 1.495 | 0.0 | 45.77 | 1.815 | 0.0 | 49.66 | 1.694 | 0.0 | 41.511 | 1.168 | 0.0 | 45.849 | 1.304 |
| 14 | 6972 | 6973 | SN | 1 | 0.0 | 50.575 | 1.908 | 0.0 | 47.281 | 1.826 | 0.0 | 44.665 | 1.509 | 0.0 | 42.153 | 1.421 | 0.0 | 49.631 | 1.738 | 0.0 | 45.23 | 1.586 | 0.0 | 44.073 | 1.415 | 0.0 | 39.194 | 1.289 |
| 15 | 6973 | 6974 | NS | 1 | 0.0 | 46.9 | 1.79 | 0.0 | 41.286 | 1.498 | 0.0 | 36.69 | 1.373 | 0.0 | 42.293 | 1.301 | 0.0 | 44.079 | 1.326 | 0.0 | 41.896 | 1.147 | 0.0 | 38.601 | 1.117 | 0.0 | 41.998 | 1.124 |
| 16 | 6973 | 6974 | SN | 1 | 0.0 | 41.303 | 5.608 | 0.0 | 49.711 | 4.719 | 0.0 | 45.298 | 4.24 | 0.0 | 42.482 | 4.502 | 0.0 | 41.238 | 5.313 | 0.0 | 49.326 | 4.25 | 0.0 | 45.603 | 4.298 | 0.0 | 43.835 | 4.523 |
| 17 | 6973 | 6974 | SN | 1 | 0.0 | 40.361 | 5.628 | 0.0 | 47.409 | 4.617 | 0.0 | 44.153 | 4.327 | 0.0 | 47.371 | 4.487 | 0.0 | 41.217 | 5.313 | 0.0 | 47.026 | 4.128 | 0.0 | 44.459 | 4.312 | 0.0 | 44.524 | 4.422 |
| 18 | 6973 | 6974 | SN | 1 | 0.0 | 44.068 | 1.989 | 0.0 | 51.699 | 1.767 | 0.0 | 37.533 | 1.497 | 0.0 | 46.484 | 1.601 | 0.0 | 42.181 | 1.878 | 0.0 | 54.9 | 1.597 | 0.0 | 36.166 | 1.529 | 0.0 | 45.191 | 1.52 |
| 19 | 6973 | 6974 | SN | 1 | 0.727 | 40.361 | 5.563 | 0.0 | 47.409 | 4.57 | 0.0 | 44.153 | 4.28 | 0.0 | 47.371 | 4.441 | 0.581 | 41.217 | 5.252 | 0.0 | 47.026 | 4.086 | 0.0 | 44.459 | 4.259 | 0.0 | 44.524 | 4.377 |
| 20 | 6973 | 6974 | SN | 1 | 0.0 | 44.068 | 2.014 | 0.0 | 51.699 | 1.788 | 0.0 | 37.533 | 1.514 | 0.0 | 46.484 | 1.619 | 0.0 | 42.181 | 1.901 | 0.0 | 54.9 | 1.616 | 0.0 | 36.166 | 1.546 | 0.0 | 45.191 | 1.538 |
| 21 | 6973 | 6974 | NS | 1 | 0.0 | 48.382 | 4.909 | 0.0 | 46.52 | 4.561 | 0.0 | 41.525 | 3.993 | 0.0 | 40.715 | 4.012 | 0.0 | 49.144 | 4.09 | 0.0 | 44.29 | 3.824 | 0.0 | 43.019 | 3.483 | 0.0 | 39.419 | 3.495 |
| 22 | 6973 | 6974 | NS | 1 | 0.0 | 50.472 | 4.986 | 0.0 | 46.784 | 4.583 | 0.0 | 43.827 | 4.063 | 0.0 | 40.312 | 4.184 | 0.0 | 47.1 | 4.249 | 0.0 | 44.29 | 3.674 | 0.0 | 42.563 | 3.524 | 0.0 | 39.419 | 3.602 |
| 23 | 6973 | 6974 | SN | 1 | 0.0 | 42.202 | 2.018 | 0.0 | 49.707 | 1.785 | 0.0 | 37.23 | 1.517 | 0.0 | 46.029 | 1.58 | 0.0 | 42.398 | 1.906 | 0.0 | 52.907 | 1.629 | 0.0 | 35.313 | 1.535 | 0.0 | 44.553 | 1.484 |
| 24 | 6973 | 6974 | NS | 1 | 0.0 | 39.818 | 1.824 | 0.0 | 42.326 | 1.384 | 0.0 | 40.697 | 1.375 | 0.0 | 41.532 | 1.298 | 0.0 | 39.974 | 1.376 | 0.0 | 41.154 | 1.136 | 0.0 | 36.945 | 1.139 | 0.0 | 37.635 | 1.08 |
| 25 | 6974 | 6975 | NS | 1 | 0.0 | 55.409 | 5.878 | 0.0 | 52.16 | 5.892 | 0.0 | 44.738 | 4.702 | 0.0 | 44.201 | 4.941 | 0.0 | 58.814 | 5.383 | 0.0 | 53.763 | 5.287 | 0.0 | 46.521 | 4.312 | 0.0 | 43.827 | 4.445 |
| 26 | 6974 | 6975 | SN | 1 | 0.0 | 43.836 | 3.823 | 0.0 | 46.255 | 2.968 | 0.0 | 37.57 | 3.368 | 0.0 | 44.462 | 2.872 | 0.0 | 43.79 | 3.322 | 0.0 | 44.751 | 2.619 | 0.0 | 36.688 | 3.173 | 0.0 | 48.618 | 2.552 |
| 27 | 6974 | 6975 | SN | 1 | 0.0 | 43.836 | 3.755 | 0.0 | 46.255 | 2.916 | 0.0 | 40.575 | 3.32 | 0.0 | 44.462 | 2.82 | 0.0 | 43.79 | 3.263 | 0.0 | 44.751 | 2.573 | 0.0 | 36.889 | 3.128 | 0.0 | 48.618 | 2.506 |
| 28 | 6974 | 6975 | SN | 1 | 0.0 | 49.518 | 1.416 | 0.0 | 36.678 | 1.146 | 0.0 | 36.316 | 1.212 | 0.0 | 39.168 | 1.042 | 0.0 | 46.372 | 1.259 | 0.0 | 35.501 | 1.019 | 0.0 | 35.789 | 1.083 | 0.0 | 37.555 | 0.926 |
| 29 | 6974 | 6975 | SN | 1 | 0.0 | 49.518 | 1.39 | 0.0 | 36.678 | 1.125 | 0.0 | 36.316 | 1.193 | 0.0 | 39.168 | 1.023 | 0.0 | 46.372 | 1.236 | 0.0 | 35.501 | 1.0 | 0.0 | 35.789 | 1.065 | 0.0 | 37.555 | 0.909 |
| 30 | 6974 | 6975 | NS | 1 | 0.0 | 47.711 | 2.259 | 0.0 | 51.269 | 2.149 | 0.0 | 41.268 | 1.486 | 0.0 | 43.429 | 1.647 | 0.0 | 44.558 | 1.928 | 0.0 | 47.098 | 1.838 | 0.0 | 38.779 | 1.348 | 0.0 | 42.162 | 1.396 |
| 31 | 6975 | 6976 | NS | 1 | 0.0 | 41.359 | 1.112 | 0.0 | 48.812 | 1.163 | 0.0 | 45.828 | 0.95 | 0.0 | 39.892 | 0.928 | 0.0 | 41.57 | 0.946 | 0.0 | 47.275 | 1.023 | 0.0 | 48.66 | 0.833 | 0.0 | 40.063 | 0.759 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|--------|-----|--------|--------|-----|--------|-------|-----|--------|-------|
| 32 | 6975 | 6976 | SN | 1 | 0.0 | 44.212 | 5.822 | 0.0 | 38.955 | 4.246 | 0.0 | 38.629 | 4.159 | 0.0 | 39.543 | 3.816 | 0.0 | 41.329 | 5.109 | 0.0 | 39.829 | 3.974 | 0.0 | 37.712 | 3.789 | 0.0 | 38.945 | 3.374 |
| 33 | 6975 | 6976 | NS | 1 | 0.0 | 47.938 | 3.815 | 0.0 | 48.37 | 3.381 | 0.0 | 45.751 | 3.141 | 0.0 | 39.857 | 3.07 | 0.0 | 47.178 | 3.139 | 0.0 | 49.598 | 2.796 | 0.0 | 44.629 | 2.645 | 0.0 | 41.256 | 2.602 |
| 34 | 6975 | 6976 | SN | 1 | 0.0 | 44.198 | 1.808 | 0.0 | 41.056 | 1.444 | 0.0 | 36.517 | 1.539 | 0.0 | 41.647 | 1.32 | 0.0 | 41.744 | 1.607 | 0.0 | 41.248 | 1.29 | 0.0 | 34.62 | 1.31 | 0.0 | 37.885 | 1.108 |
| 35 | 6976 | 6977 | NS | 1 | 0.0 | 41.494 | 2.421 | 0.0 | 50.27 | 1.607 | 0.0 | 40.669 | 1.737 | 0.0 | 43.483 | 1.506 | 0.0 | 40.337 | 1.966 | 0.0 | 46.956 | 1.37 | 0.0 | 39.879 | 1.412 | 0.0 | 41.528 | 1.2 |
| 36 | 6976 | 6977 | SN | 1 | 0.0 | 48.591 | 6.021 | 0.0 | 48.944 | 4.78 | 0.0 | 41.956 | 3.832 | 0.0 | 47.996 | 4.087 | 0.0 | 47.051 | 5.208 | 0.0 | 50.143 | 4.135 | 0.0 | 42.197 | 3.348 | 0.0 | 50.965 | 3.474 |
| 37 | 6976 | 6977 | NS | 1 | 0.0 | 51.261 | 6.984 | 0.0 | 50.033 | 5.269 | 0.0 | 43.953 | 4.893 | 0.0 | 42.479 | 4.758 | 0.0 | 47.559 | 5.884 | 0.0 | 48.762 | 4.663 | 0.0 | 40.473 | 4.29 | 0.0 | 40.956 | 4.07 |
| 38 | 6976 | 6977 | SN | 1 | 0.0 | 45.604 | 1.941 | 0.0 | 40.517 | 1.521 | 0.0 | 41.953 | 1.407 | 0.0 | 39.266 | 1.439 | 0.0 | 48.354 | 1.638 | 0.0 | 43.445 | 1.186 | 0.0 | 39.88 | 1.203 | 0.0 | 39.292 | 1.172 |
| 39 | 6977 | 6978 | SN | 1 | 0.0 | 53.314 | 3.906 | 0.0 | 53.419 | 3.756 | 0.0 | 49.905 | 2.738 | 0.0 | 44.212 | 2.688 | 0.0 | 52.266 | 3.862 | 0.0 | 54.844 | 3.686 | 0.0 | 46.694 | 2.746 | 0.0 | 43.801 | 2.671 |
| 40 | 6977 | 6978 | NS | 1 | 0.0 | 47.996 | 3.048 | 0.0 | 48.007 | 2.547 | 0.0 | 41.556 | 2.214 | 0.0 | 42.267 | 2.088 | 0.0 | 49.2 | 2.458 | 0.0 | 46.652 | 2.126 | 0.0 | 40.311 | 1.9 | 0.0 | 40.079 | 1.751 |
| 41 | 6977 | 6978 | SN | 1 | 0.0 | 53.314 | 3.791 | 0.0 | 53.419 | 3.653 | 0.0 | 49.905 | 2.662 | 0.0 | 44.212 | 2.616 | 0.0 | 52.266 | 3.748 | 0.0 | 54.844 | 3.585 | 0.0 | 46.694 | 2.667 | 0.0 | 43.801 | 2.6 |
| 42 | 6977 | 6978 | NS | 1 | 0.0 | 48.014 | 9.071 | 0.0 | 48.737 | 7.977 | 0.0 | 51.775 | 6.254 | 0.0 | 43.446 | 6.199 | 0.0 | 50.069 | 7.688 | 0.0 | 47.094 | 6.756 | 0.0 | 47.828 | 5.693 | 0.0 | 45.17 | 5.178 |
| 43 | 6977 | 6978 | SN | 1 | 0.0 | 54.068 | 11.557 | 0.0 | 51.657 | 10.765 | 0.0 | 46.939 | 8.77 | 0.0 | 50.596 | 8.285 | 0.0 | 55.572 | 11.477 | 0.0 | 55.874 | 10.553 | 0.0 | 47.116 | 8.969 | 0.0 | 49.862 | 8.335 |
| 44 | 6977 | 6978 | SN | 1 | 0.0 | 54.068 | 11.878 | 0.0 | 51.657 | 11.03 | 0.0 | 46.939 | 9.012 | 0.0 | 50.596 | 8.526 | 0.0 | 55.572 | 11.806 | 0.0 | 55.874 | 10.823 | 0.0 | 47.116 | 9.232 | 0.0 | 49.862 | 8.578 |
| 45 | 6978 | 6979 | NS | 1 | 0.0 | 45.047 | 1.925 | 0.0 | 44.551 | 1.886 | 0.0 | 40.983 | 1.399 | 0.0 | 42.074 | 1.469 | 0.0 | 40.73 | 1.598 | 0.0 | 41.529 | 1.643 | 0.0 | 41.581 | 1.18 | 0.0 | 38.958 | 1.276 |
| 46 | 6978 | 6979 | SN | 1 | 0.0 | 51.512 | 10.099 | 0.0 | 55.683 | 8.644 | 0.0 | 50.689 | 6.721 | 0.0 | 44.204 | 6.073 | 0.0 | 53.845 | 9.698 | 0.0 | 53.415 | 8.19 | 0.0 | 48.713 | 6.572 | 0.0 | 44.516 | 5.766 |
| 47 | 6978 | 6979 | NS | 1 | 0.0 | 52.268 | 6.205 | 0.0 | 47.225 | 5.916 | 0.0 | 46.21 | 4.262 | 0.0 | 42.629 | 4.375 | 0.0 | 53.879 | 5.368 | 0.0 | 47.191 | 5.31 | 0.0 | 50.106 | 3.857 | 0.0 | 43.987 | 3.921 |
| 48 | 6978 | 6979 | SN | 1 | 0.0 | 46.74 | 3.211 | 0.0 | 46.701 | 2.932 | 0.0 | 40.315 | 1.904 | 0.0 | 45.465 | 1.723 | 0.0 | 49.461 | 2.933 | 0.0 | 49.019 | 2.658 | 0.0 | 39.41 | 1.749 | 0.0 | 46.736 | 1.598 |
| 49 | 6979 | 6980 | NS | 1 | 0.0 | 45.624 | 1.736 | 0.0 | 45.756 | 1.449 | 0.0 | 40.975 | 1.219 | 0.0 | 42.728 | 1.246 | 0.0 | 42.249 | 1.511 | 0.0 | 44.421 | 1.194 | 0.0 | 38.321 | 1.089 | 0.0 | 41.71 | 1.076 |
| 50 | 6979 | 6980 | SN | 1 | 0.0 | 54.518 | 6.606 | 0.0 | 46.098 | 6.173 | 0.0 | 49.362 | 4.702 | 0.0 | 45.033 | 4.896 | 0.0 | 54.439 | 6.013 | 0.0 | 45.396 | 5.417 | 0.0 | 45.594 | 4.332 | 0.0 | 46.48 | 4.261 |
| 51 | 6979 | 6980 | NS | 1 | 0.0 | 49.123 | 5.762 | 0.0 | 48.687 | 4.764 | 0.0 | 44.882 | 3.56 | 0.0 | 47.4 | 3.63 | 0.0 | 51.663 | 5.318 | 0.0 | 51.401 | 4.169 | 0.0 | 44.192 | 3.326 | 0.0 | 47.522 | 3.205 |
| 52 | 6979 | 6980 | SN | 1 | 0.0 | 48.149 | 2.094 | 0.0 | 46.563 | 1.955 | 0.0 | 43.902 | 1.229 | 0.0 | 43.048 | 1.303 | 0.0 | 48.598 | 1.87 | 0.0 | 44.136 | 1.703 | 0.0 | 44.207 | 1.115 | 0.0 | 43.142 | 1.121 |
| 53 | 6979 | 6980 | SN | 1 | 0.0 | 54.518 | 6.606 | 0.0 | 46.098 | 6.173 | 0.0 | 49.362 | 4.702 | 0.0 | 45.033 | 4.896 | 0.0 | 54.439 | 6.013 | 0.0 | 45.396 | 5.417 | 0.0 | 45.594 | 4.332 | 0.0 | 46.48 | 4.261 |
| 54 | 6979 | 6980 | NS | 1 | 0.0 | 43.038 | 1.818 | 0.0 | 43.389 | 1.467 | 0.0 | 41.815 | 1.153 | 0.0 | 45.613 | 1.233 | 0.0 | 43.547 | 1.499 | 0.0 | 42.398 | 1.183 | 0.0 | 42.252 | 1.091 | 0.0 | 41.71 | 1.037 |
| 55 | 6979 | 6980 | SN | 1 | 0.0 | 48.149 | 2.094 | 0.0 | 46.563 | 1.955 | 0.0 | 43.902 | 1.229 | 0.0 | 43.048 | 1.303 | 0.0 | 48.598 | 1.87 | 0.0 | 44.136 | 1.703 | 0.0 | 44.207 | 1.115 | 0.0 | 43.142 | 1.121 |
| 56 | 6979 | 6980 | NS | 1 | 0.0 | 48.141 | 5.568 | 0.0 | 50.876 | 4.6 | 0.0 | 45.788 | 3.636 | 0.0 | 47.979 | 3.587 | 0.0 | 47.648 | 4.933 | 0.0 | 52.299 | 4.076 | 0.0 | 44.453 | 3.253 | 0.0 | 49.409 | 3.183 |
| 57 | 6980 | 6981 | SN | 1 | 0.0 | 48.761 | 7.932 | 0.0 | 44.656 | 6.837 | 0.0 | 42.49 | 4.424 | 0.0 | 41.925 | 4.739 | 0.0 | 46.475 | 7.51 | 0.0 | 47.124 | 6.101 | 0.0 | 39.876 | 4.289 | 0.0 | 41.422 | 4.682 |
| 58 | 6980 | 6981 | SN | 1 | 0.0 | 38.961 | 2.245 | 0.0 | 42.003 | 1.864 | 0.0 | 39.241 | 1.485 | 0.0 | 42.615 | 1.556 | 0.0 | 39.984 | 2.028 | 0.0 | 38.974 | 1.689 | 0.0 | 36.902 | 1.469 | 0.0 | 39.274 | 1.442 |
| 59 | 6980 | 6981 | NS | 1 | 0.0 | 45.975 | 6.466 | 0.0 | 48.373 | 5.942 | 0.0 | 48.392 | 5.033 | 0.0 | 47.264 | 5.381 | 0.0 | 46.933 | 5.7 | 0.0 | 48.139 | 5.276 | 0.0 | 45.069 | 4.671 | 0.0 | 44.925 | 4.814 |
| 60 | 6980 | 6981 | NS | 1 | 0.0 | 45.975 | 6.466 | 0.0 | 48.373 | 5.942 | 0.0 | 48.392 | 5.033 | 0.0 | 47.264 | 5.381 | 0.0 | 46.933 | 5.7 | 0.0 | 48.139 | 5.276 | 0.0 | 45.069 | 4.671 | 0.0 | 44.925 | 4.814 |
| 61 | 6980 | 6981 | NS | 1 | 0.0 | 49.798 | 2.293 | 0.0 | 50.596 | 2.066 | 0.0 | 47.541 | 1.777 | 0.0 | 45.881 | 1.77 | 0.0 | 51.509 | 1.971 | 0.0 | 51.312 | 1.829 | 0.0 | 46.781 | 1.545 | 0.0 | 42.828 | 1.534 |
| 62 | 6980 | 6981 | NS | 1 | 0.0 | 49.798 | 2.293 | 0.0 | 50.596 | 2.066 | 0.0 | 47.541 | 1.777 | 0.0 | 45.881 | 1.77 | 0.0 | 51.509 | 1.971 | 0.0 | 51.312 | 1.829 | 0.0 | 46.781 | 1.545 | 0.0 | 42.828 | 1.534 |
| 63 | 6981 | 6982 | NS | 1 | 0.0 | 45.966 | 5.561 | 0.0 | 49.475 | 5.087 | 0.0 | 43.765 | 3.929 | 0.0 | 44.243 | 4.545 | 0.0 | 50.868 | 4.895 | 0.0 | 50.019 | 4.916 | 0.0 | 44.676 | 3.645 | 0.0 | 43.838 | 3.921 |
| 64 | 6981 | 6982 | NS | 1 | 0.0 | 40.357 | 2.029 | 0.0 | 47.914 | 1.877 | 0.0 | 42.589 | 1.44 | 0.0 | 44.718 | 1.446 | 0.0 | 39.96 | 1.75 | 0.0 | 49.787 | 1.652 | 0.0 | 40.474 | 1.272 | 0.0 | 43.943 | 1.264 |
| 65 | 6986 | 6987 | SN | 1 | 0.0 | 50.672 | 6.99 | 0.0 | 50.514 | 6.575 | 0.0 | 45.35 | 4.362 | 0.0 | 47.807 | 4.62 | 0.0 | 51.194 | 6.221 | 0.0 | 51.223 | 6.123 | 0.0 | 41.816 | 4.079 | 0.0 | 50.294 | 4.204 |
| 66 | 6986 | 6987 | SN | 1 | 0.0 | 50.672 | 6.846 | 0.0 | 50.514 | 6.443 | 0.0 | 45.35 | 4.267 | 0.0 | 47.807 | 4.525 | 0.0 | 51.194 | 6.093 | 0.0 | 51.223 | 5.999 | 0.0 | 41.816 | 3.99 | 0.0 | 50.294 | 4.118 |
| 67 | 6986 | 6987 | SN | 1 | 0.0 | 47.911 | 1.892 | 0.0 | 47.471 | 2.003 | 0.0 | 40.371 | 1.209 | 0.0 | 44.147 | 1.279 | 0.0 | 51.067 | 1.67 | 0.0 | 45.988 | 1.903 | 0.0 | 42.172 | 1.142 | 0.0 | 45.814 | 1.1 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-------|--------|--------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-------|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 6986 | 6987 | NS | 1 | 0.0 | 57.378 | 10.299 | 0.0 | 51.148 | 9.506 | 0.0 | 49.402 | 6.531 | 0.0 | 51.667 | 6.431 | 0.0 | 57.526 | 9.149 | 0.0 | 51.334 | 8.91 | 0.0 | 44.459 | 6.119 | 0.0 | 51.478 | 5.658 |
| 69 | 6986 | 6987 | NS | 1 | 0.0 | 55.881 | 3.095 | 0.0 | 45.021 | 2.886 | 0.0 | 48.477 | 1.786 | 0.0 | 47.214 | 1.801 | 0.0 | 51.268 | 2.726 | 0.0 | 46.488 | 2.489 | 0.0 | 44.38 | 1.659 | 0.0 | 50.071 | 1.579 |
| 70 | 6986 | 6987 | SN | 1 | 0.0 | 47.911 | 1.852 | 0.0 | 47.471 | 1.959 | 0.0 | 40.371 | 1.184 | 0.0 | 44.147 | 1.253 | 0.0 | 51.067 | 1.635 | 0.0 | 45.988 | 1.862 | 0.0 | 42.172 | 1.119 | 0.0 | 45.814 | 1.078 |
| 71 | 6987 | 6988 | SN | 1 | 0.0 | 46.976 | 1.599 | 0.0 | 41.418 | 1.549 | 0.0 | 44.052 | 1.357 | 0.0 | 37.801 | 1.231 | 0.0 | 42.909 | 1.519 | 0.0 | 38.416 | 1.397 | 0.0 | 44.133 | 1.24 | 0.0 | 35.408 | 1.123 |
| 72 | 6987 | 6988 | NS | 1 | 0.0 | 46.755 | 2.237 | 0.0 | 45.271 | 2.009 | 0.0 | 38.987 | 1.397 | 0.0 | 41.59 | 1.476 | 0.0 | 50.236 | 1.933 | 0.0 | 45.068 | 1.744 | 0.0 | 37.56 | 1.215 | 0.0 | 39.599 | 1.187 |
| 73 | 6987 | 6988 | SN | 1 | 0.0 | 47.745 | 1.619 | 0.0 | 41.418 | 1.565 | 0.0 | 44.052 | 1.372 | 0.0 | 37.801 | 1.244 | 0.0 | 44.238 | 1.539 | 0.0 | 38.416 | 1.411 | 0.0 | 44.133 | 1.254 | 0.0 | 35.408 | 1.134 |
| 74 | 6987 | 6988 | SN | 1 | 0.0 | 42.53 | 5.102 | 0.0 | 55.098 | 4.125 | 0.0 | 43.451 | 3.971 | 0.0 | 41.272 | 3.772 | 0.0 | 43.864 | 4.554 | 0.0 | 52.428 | 3.891 | 0.0 | 41.065 | 4.058 | 0.0 | 40.722 | 3.541 |
| 75 | 6987 | 6988 | NS | 1 | 0.0 | 50.828 | 7.019 | 0.0 | 54.645 | 6.455 | 0.0 | 41.249 | 4.494 | 0.0 | 46.84 | 4.728 | 0.0 | 50.794 | 6.404 | 0.0 | 53.402 | 5.85 | 0.0 | 40.228 | 3.92 | 0.0 | 42.636 | 4.147 |
| 76 | 6987 | 6988 | SN | 1 | 0.0 | 42.478 | 5.009 | 0.0 | 47.923 | 4.154 | 0.0 | 44.052 | 3.954 | 0.0 | 42.143 | 3.733 | 0.0 | 41.895 | 4.547 | 0.0 | 47.657 | 3.832 | 0.0 | 44.133 | 3.983 | 0.0 | 41.592 | 3.483 |
| 77 | 6987 | 6988 | SN | 1 | 0.0 | 50.82 | 1.58 | 0.0 | 40.862 | 1.563 | 0.0 | 42.344 | 1.354 | 0.0 | 46.237 | 1.248 | 0.0 | 47.315 | 1.504 | 0.0 | 37.863 | 1.416 | 0.0 | 41.343 | 1.241 | 0.0 | 45.374 | 1.14 |
| 78 | 6987 | 6988 | SN | 1 | 0.0 | 42.478 | 5.061 | 0.0 | 47.923 | 4.197 | 0.0 | 44.052 | 4.007 | 0.0 | 42.143 | 3.772 | 0.0 | 41.895 | 4.595 | 0.0 | 47.657 | 3.871 | 0.0 | 44.133 | 4.029 | 0.0 | 41.592 | 3.519 |
| 79 | 6988 | 6989 | NS | 1 | 0.0 | 43.628 | 1.773 | 0.0 | 48.305 | 1.712 | 0.0 | 40.814 | 1.331 | 0.0 | 48.252 | 1.529 | 0.0 | 41.176 | 1.491 | 0.0 | 46.514 | 1.561 | 0.0 | 39.327 | 1.203 | 0.0 | 44.54 | 1.332 |
| 80 | 6988 | 6989 | SN | 1 | 0.0 | 41.172 | 1.668 | 0.0 | 47.719 | 1.506 | 0.0 | 37.102 | 1.326 | 0.0 | 36.962 | 1.389 | 0.0 | 40.023 | 1.62 | 0.0 | 43.785 | 1.427 | 0.0 | 35.468 | 1.228 | 0.0 | 37.594 | 1.303 |
| 81 | 6988 | 6989 | SN | 1 | 0.0 | 46.675 | 5.29 | 0.0 | 49.182 | 4.228 | 0.0 | 39.011 | 3.679 | 0.0 | 38.435 | 4.008 | 0.0 | 46.92 | 5.219 | 0.0 | 45.513 | 4.116 | 0.0 | 38.704 | 3.679 | 0.0 | 38.542 | 3.965 |
| 82 | 6988 | 6989 | SN | 1 | 1.007 | 46.675 | 5.23 | 0.0 | 49.182 | 4.175 | 0.0 | 39.011 | 3.633 | 0.0 | 38.435 | 3.964 | 0.215 | 46.92 | 5.15 | 0.0 | 45.513 | 4.064 | 0.0 | 38.704 | 3.633 | 0.0 | 38.542 | 3.921 |
| 83 | 6988 | 6989 | SN | 1 | 0.0 | 41.172 | 1.692 | 0.0 | 47.719 | 1.528 | 0.0 | 37.102 | 1.344 | 0.0 | 36.962 | 1.407 | 0.0 | 40.023 | 1.644 | 0.0 | 43.785 | 1.447 | 0.0 | 35.468 | 1.246 | 0.0 | 37.594 | 1.32 |
| 84 | 6988 | 6989 | SN | 1 | 1.007 | 46.675 | 5.23 | 0.0 | 49.182 | 4.175 | 0.0 | 39.011 | 3.633 | 0.0 | 38.435 | 3.964 | 0.215 | 46.92 | 5.15 | 0.0 | 45.513 | 4.064 | 0.0 | 38.704 | 3.633 | 0.0 | 38.542 | 3.921 |
| 85 | 6988 | 6989 | NS | 1 | 0.0 | 44.399 | 4.897 | 0.0 | 44.348 | 5.376 | 0.0 | 45.912 | 3.965 | 0.0 | 49.66 | 4.381 | 0.0 | 45.598 | 4.422 | 0.0 | 43.971 | 4.781 | 0.0 | 43.841 | 3.618 | 0.0 | 46.666 | 4.055 |
| 86 | 6988 | 6989 | SN | 1 | 0.0 | 41.172 | 1.668 | 0.0 | 47.719 | 1.506 | 0.0 | 37.102 | 1.326 | 0.0 | 36.962 | 1.389 | 0.0 | 40.023 | 1.62 | 0.0 | 43.785 | 1.427 | 0.0 | 35.468 | 1.228 | 0.0 | 37.594 | 1.303 |
| 87 | 6989 | 6990 | SN | 1 | 0.0 | 42.609 | 1.702 | 0.0 | 36.664 | 1.288 | 0.0 | 36.987 | 1.319 | 0.0 | 40.241 | 1.256 | 0.0 | 39.945 | 1.451 | 0.0 | 35.502 | 1.05 | 0.0 | 36.644 | 1.149 | 0.0 | 37.064 | 1.067 |
| 88 | 6989 | 6990 | SN | 1 | 0.0 | 42.609 | 1.74 | 0.0 | 36.664 | 1.316 | 0.0 | 36.987 | 1.351 | 0.0 | 40.241 | 1.284 | 0.0 | 39.945 | 1.483 | 0.0 | 35.502 | 1.074 | 0.0 | 36.644 | 1.176 | 0.0 | 37.064 | 1.092 |
| 89 | 6989 | 6990 | NS | 1 | 0.0 | 53.371 | 5.59 | 0.0 | 53.911 | 5.448 | 0.0 | 42.414 | 3.943 | 0.0 | 44.116 | 4.113 | 0.0 | 50.553 | 5.066 | 0.0 | 53.737 | 4.863 | 0.0 | 41.274 | 3.581 | 0.0 | 45.519 | 3.701 |
| 90 | 6989 | 6990 | NS | 1 | 0.0 | 46.494 | 1.928 | 0.0 | 52.569 | 1.792 | 0.0 | 42.796 | 1.168 | 0.0 | 44.189 | 1.25 | 0.0 | 45.969 | 1.696 | 0.0 | 48.873 | 1.559 | 0.0 | 44.133 | 1.072 | 0.0 | 45.521 | 1.074 |
| 91 | 6989 | 6990 | NS | 1 | 0.0 | 44.442 | 1.867 | 0.0 | 50.695 | 1.712 | 0.0 | 37.683 | 1.14 | 0.0 | 46.32 | 1.285 | 0.0 | 44.034 | 1.592 | 0.0 | 47.891 | 1.53 | 0.0 | 40.079 | 1.007 | 0.0 | 45.44 | 1.125 |
| 92 | 6989 | 6990 | NS | 1 | 0.0 | 53.458 | 5.613 | 0.0 | 55.446 | 5.728 | 0.0 | 43.788 | 3.724 | 0.0 | 46.978 | 3.991 | 0.0 | 51.899 | 4.927 | 0.0 | 56.258 | 4.881 | 0.0 | 45.587 | 3.299 | 0.0 | 49.32 | 3.679 |
| 93 | 6989 | 6990 | SN | 1 | 0.0 | 45.38 | 5.299 | 0.0 | 44.334 | 4.366 | 0.0 | 37.598 | 3.583 | 0.0 | 41.719 | 3.605 | 0.0 | 46.794 | 4.787 | 0.0 | 48.767 | 3.842 | 0.0 | 37.63 | 3.306 | 0.0 | 39.073 | 3.105 |
| 94 | 6989 | 6990 | SN | 1 | 0.0 | 45.38 | 5.423 | 0.0 | 44.334 | 4.457 | 0.0 | 37.598 | 3.655 | 0.0 | 41.719 | 3.676 | 0.0 | 46.794 | 4.899 | 0.0 | 48.767 | 3.931 | 0.0 | 37.63 | 3.371 | 0.0 | 39.073 | 3.171 |
| 95 | 6990 | 6991 | NS | 1 | 0.0 | 44.513 | 5.005 | 0.0 | 52.244 | 4.954 | 0.0 | 48.469 | 4.893 | 0.0 | 46.492 | 5.077 | 0.0 | 44.65 | 4.379 | 0.0 | 51.826 | 4.329 | 0.0 | 45.917 | 4.29 | 0.0 | 47.216 | 4.58 |
| 96 | 6990 | 6991 | SN | 1 | 0.0 | 41.668 | 1.977 | 0.0 | 40.012 | 1.605 | 0.0 | 41.217 | 1.406 | 0.0 | 38.09 | 1.553 | 0.0 | 44.438 | 1.632 | 0.0 | 42.445 | 1.301 | 0.0 | 41.024 | 1.186 | 0.0 | 37.098 | 1.304 |
| 97 | 6990 | 6991 | SN | 1 | 0.0 | 46.155 | 6.1 | 0.0 | 47.105 | 4.818 | 0.0 | 41.102 | 4.081 | 0.0 | 40.27 | 4.231 | 0.0 | 42.652 | 5.197 | 0.0 | 45.691 | 4.143 | 0.0 | 37.811 | 3.64 | 0.0 | 39.858 | 3.846 |
| 98 | 6990 | 6991 | NS | 1 | 0.0 | 43.454 | 1.955 | 0.0 | 41.234 | 1.701 | 0.0 | 41.043 | 1.541 | 0.0 | 43.636 | 1.542 | 0.0 | 41.788 | 1.754 | 0.0 | 43.393 | 1.528 | 0.0 | 40.753 | 1.359 | 0.0 | 44.327 | 1.365 |
| 99 | 6991 | 6992 | NS | 1 | 0.0 | 43.2 | 3.096 | 0.0 | 47.057 | 2.799 | 0.0 | 39.546 | 2.304 | 0.0 | 43.393 | 2.352 | 0.0 | 41.761 | 2.781 | 0.0 | 47.755 | 2.504 | 0.0 | 38.209 | 2.132 | 0.0 | 41.57 | 2.147 |
| 100 | 6991 | 6992 | SN | 1 | 0.0 | 48.85 | 11.799 | 0.0 | 52.861 | 10.917 | 0.0 | 45.72 | 7.515 | 0.0 | 42.004 | 7.263 | 0.0 | 51.105 | 11.227 | 0.0 | 56.615 | 10.06 | 0.0 | 43.953 | 7.295 | 0.0 | 42.88 | 6.849 |
| 101 | 6991 | 6992 | NS | 1 | 0.0 | 50.786 | 9.16 | 0.0 | 53.877 | 7.951 | 0.0 | 47.242 | 7.105 | 0.0 | 46.535 | 7.438 | 0.0 | 48.548 | 8.191 | 0.0 | 51.113 | 6.972 | 0.0 | 47.838 | 6.687 | 0.0 | 48.865 | 6.636 |
| 102 | 6991 | 6992 | SN | 1 | 0.0 | 46.786 | 3.369 | 0.0 | 50.032 | 2.997 | 0.0 | 43.362 | 2.469 | 0.0 | 47.595 | 2.333 | 0.0 | 47.139 | 3.116 | 0.0 | 48.878 | 2.675 | 0.0 | 43.107 | 2.268 | 0.0 | 45.932 | 2.084 |
| 103 | 6992 | 6993 | SN | 1 | 0.0 | 53.057 | 2.827 | 0.0 | 46.181 | 2.312 | 0.0 | 42.94 | 1.894 | 0.0 | 40.018 | 1.723 | 0.0 | 50.396 | 2.563 | 0.0 | 44.314 | 2.135 | 0.0 | 41.393 | 1.752 | 0.0 | 39.437 | 1.587 |

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

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|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 6992 | 6993 | NS | 1 | 0.0 | 45.865 | 9.149 | 0.0 | 44.889 | 8.651 | 0.0 | 45.703 | 6.133 | 0.0 | 40.782 | 6.035 | 0.0 | 48.378 | 8.301 | 0.0 | 43.456 | 8.015 | 0.0 | 47.695 | 5.793 | 0.0 | 40.445 | 5.348 |
| 105 | 6992 | 6993 | SN | 1 | 0.0 | 53.325 | 9.047 | 0.0 | 50.988 | 7.732 | 0.0 | 48.44 | 6.129 | 0.0 | 50.816 | 5.722 | 0.0 | 51.805 | 8.295 | 0.0 | 53.248 | 6.774 | 0.0 | 47.225 | 5.851 | 0.0 | 48.949 | 5.137 |
| 106 | 6992 | 6993 | NS | 1 | 0.0 | 49.498 | 2.902 | 0.0 | 40.199 | 2.601 | 0.0 | 42.539 | 2.007 | 0.0 | 40.091 | 1.953 | 0.0 | 49.517 | 2.514 | 0.0 | 38.976 | 2.283 | 0.0 | 39.707 | 1.797 | 0.0 | 36.606 | 1.675 |
| 107 | 6993 | 6994 | SN | 1 | 0.0 | 47.47 | 7.126 | 0.0 | 54.751 | 6.483 | 0.0 | 42.117 | 5.007 | 0.0 | 47.016 | 4.925 | 0.0 | 48.836 | 6.684 | 0.0 | 54.753 | 5.878 | 0.0 | 42.044 | 4.729 | 0.0 | 46.597 | 4.632 |
| 108 | 6993 | 6994 | SN | 1 | 0.0 | 44.571 | 2.164 | 0.0 | 47.575 | 1.891 | 0.0 | 45.409 | 1.421 | 0.0 | 42.102 | 1.533 | 0.0 | 44.249 | 1.971 | 0.0 | 48.208 | 1.635 | 0.0 | 41.791 | 1.241 | 0.0 | 42.568 | 1.329 |
| 109 | 6993 | 6994 | NS | 1 | 0.0 | 49.827 | 1.56 | 0.0 | 51.572 | 1.456 | 0.0 | 40.75 | 1.362 | 0.0 | 43.458 | 1.323 | 0.0 | 47.231 | 1.281 | 0.0 | 52.7 | 1.206 | 0.0 | 38.267 | 1.118 | 0.0 | 44.233 | 1.183 |
| 110 | 6993 | 6994 | NS | 1 | 0.0 | 46.184 | 5.477 | 0.0 | 53.02 | 4.825 | 0.0 | 43.884 | 4.247 | 0.0 | 51.34 | 4.305 | 0.0 | 44.403 | 4.811 | 0.0 | 53.022 | 4.492 | 0.0 | 41.147 | 3.928 | 0.0 | 49.412 | 3.83 |
| 111 | 6994 | 6995 | NS | 1 | 0.0 | 51.634 | 2.549 | 0.0 | 46.139 | 2.099 | 0.0 | 43.299 | 1.643 | 0.0 | 42.556 | 1.647 | 0.0 | 52.79 | 2.128 | 0.0 | 45.183 | 1.744 | 0.0 | 43.964 | 1.346 | 0.0 | 41.23 | 1.359 |
| 112 | 6994 | 6995 | SN | 1 | 0.0 | 45.425 | 1.94 | 0.0 | 42.918 | 1.581 | 0.0 | 40.746 | 1.401 | 0.0 | 39.834 | 1.265 | 0.0 | 46.653 | 1.678 | 0.0 | 45.319 | 1.424 | 0.0 | 39.83 | 1.232 | 0.0 | 37.643 | 1.116 |
| 113 | 6994 | 6995 | NS | 1 | 0.0 | 50.667 | 7.665 | 0.0 | 54.153 | 6.747 | 0.0 | 48.186 | 5.58 | 0.0 | 45.315 | 5.246 | 0.0 | 50.719 | 6.515 | 0.0 | 51.755 | 5.799 | 0.0 | 46.527 | 4.829 | 0.0 | 45.687 | 4.523 |
| 114 | 6994 | 6995 | SN | 1 | 0.0 | 46.36 | 6.022 | 0.0 | 45.988 | 5.222 | 0.0 | 42.262 | 4.253 | 0.0 | 43.512 | 4.419 | 0.0 | 49.132 | 5.56 | 0.0 | 45.696 | 4.809 | 0.0 | 38.186 | 3.897 | 0.0 | 42.206 | 4.019 |
| 115 | 6995 | 6996 | SN | 1 | 0.0 | 40.832 | 2.168 | 0.0 | 47.484 | 1.894 | 0.0 | 44.249 | 1.486 | 0.0 | 42.425 | 1.588 | 0.0 | 40.982 | 1.829 | 0.0 | 43.157 | 1.597 | 0.0 | 45.791 | 1.415 | 0.0 | 43.256 | 1.387 |
| 116 | 6995 | 6996 | SN | 1 | 0.0 | 52.914 | 6.625 | 0.0 | 48.447 | 6.31 | 0.0 | 48.666 | 4.516 | 0.0 | 41.713 | 5.189 | 0.0 | 52.852 | 5.832 | 0.0 | 47.516 | 5.484 | 0.0 | 46.107 | 4.274 | 0.0 | 41.147 | 4.711 |
| 117 | 6995 | 6996 | NS | 1 | 0.0 | 43.174 | 2.356 | 0.0 | 51.24 | 2.086 | 0.0 | 42.253 | 1.577 | 0.0 | 39.107 | 1.789 | 0.0 | 41.251 | 2.097 | 0.0 | 49.597 | 1.901 | 0.0 | 41.992 | 1.531 | 0.0 | 37.322 | 1.559 |
| 118 | 6995 | 6996 | NS | 1 | 0.0 | 54.284 | 7.079 | 0.0 | 53.365 | 5.84 | 0.0 | 44.212 | 4.664 | 0.0 | 42.592 | 5.402 | 0.0 | 54.714 | 6.535 | 0.0 | 54.984 | 5.659 | 0.0 | 44.935 | 4.643 | 0.0 | 40.793 | 4.962 |
| 119 | 6996 | 6997 | NS | 1 | 0.0 | 47.143 | 4.381 | 0.0 | 43.242 | 4.292 | 0.0 | 38.397 | 3.135 | 0.0 | 38.315 | 3.044 | 0.0 | 42.641 | 3.659 | 0.0 | 43.513 | 3.875 | 0.0 | 36.991 | 2.628 | 0.0 | 36.384 | 2.815 |
| 120 | 6996 | 6997 | NS | 1 | 0.0 | 40.508 | 1.512 | 0.0 | 54.578 | 1.358 | 0.0 | 36.096 | 1.13 | 0.0 | 38.059 | 1.023 | 0.0 | 40.249 | 1.204 | 0.0 | 56.64 | 1.125 | 0.0 | 34.586 | 0.921 | 0.0 | 38.63 | 0.857 |

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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 | 6971 | 6972 | SN | 1 | 0.0 | 25.683 | 8.11 | 0.0 | 28.104 | 7.909 | 0.0 | 71.695 | 1.44 | 0.0 | 61.134 | 1.529 | 0.0 | 1.87 | 0.0 | 0.0 | 1.933 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.044 | 0.0 |
| 2 | 6971 | 6972 | SN | 1 | 0.0 | 30.801 | 14.421 | 0.0 | 27.228 | 13.95 | 0.0 | 84.159 | 9.646 | 0.0 | 75.6 | 8.992 | 0.0 | 1.885 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.007 | 0.0 | 0.0 | 2.048 | 0.0 |
| 3 | 6971 | 6972 | SN | 1 | 0.0 | 25.683 | 8.15 | 0.0 | 28.104 | 7.826 | 0.0 | 71.695 | 1.455 | 0.0 | 11.786 | 1.285 | 0.0 | 1.87 | 0.0 | 0.0 | 1.933 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 2.045 | 0.0 |
| 4 | 6971 | 6972 | SN | 1 | 0.0 | 30.801 | 14.421 | 0.0 | 27.228 | 13.95 | 0.0 | 84.159 | 9.646 | 0.0 | 75.6 | 8.992 | 0.0 | 1.885 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.007 | 0.0 | 0.0 | 2.048 | 0.0 |
| 5 | 6971 | 6972 | SN | 1 | 0.0 | 30.801 | 14.396 | 0.0 | 27.161 | 13.614 | 0.0 | 84.159 | 9.836 | 0.0 | 14.389 | 8.185 | 0.0 | 1.885 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.049 | 0.0 |
| 6 | 6971 | 6972 | SN | 1 | 0.0 | 25.683 | 8.11 | 0.0 | 28.104 | 7.909 | 0.0 | 71.695 | 1.44 | 0.0 | 61.134 | 1.529 | 0.0 | 1.87 | 0.0 | 0.0 | 1.933 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.044 | 0.0 |
| 7 | 6972 | 6973 | SN | 1 | 0.0 | 30.796 | 14.478 | 0.0 | 27.228 | 13.993 | 0.0 | 84.076 | 9.649 | 0.0 | 59.192 | 9.095 | 0.0 | 1.889 | 0.0 | 0.0 | 1.951 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.066 | 0.0 |
| 8 | 6972 | 6973 | SN | 1 | 0.0 | 30.796 | 14.451 | 0.0 | 27.228 | 13.886 | 0.0 | 84.076 | 9.703 | 0.0 | 20.389 | 8.823 | 0.0 | 1.889 | 0.0 | 0.0 | 1.951 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.066 | 0.0 |
| 9 | 6972 | 6973 | SN | 1 | 0.0 | 25.667 | 8.085 | 0.0 | 28.077 | 7.956 | 0.0 | 111.149 | 1.433 | 0.0 | 44.853 | 1.561 | 0.0 | 1.863 | 0.0 | 0.0 | 1.933 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.055 | 0.0 |
| 10 | 6972 | 6973 | SN | 1 | 0.0 | 30.796 | 14.478 | 0.0 | 27.228 | 13.993 | 0.0 | 84.076 | 9.649 | 0.0 | 59.192 | 9.095 | 0.0 | 1.889 | 0.0 | 0.0 | 1.951 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.066 | 0.0 |
| 11 | 6972 | 6973 | SN | 1 | 0.0 | 25.667 | 8.098 | 0.0 | 28.077 | 7.92 | 0.0 | 111.149 | 1.434 | 0.0 | 13.33 | 1.45 | 0.0 | 1.863 | 0.0 | 0.0 | 1.933 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.055 | 0.0 |
| 12 | 6972 | 6973 | NS | 1 | 0.0 | 27.266 | 14.071 | 0.0 | 29.555 | 16.115 | 0.0 | 355.897 | 14.78 | 0.0 | 148.822 | 14.944 | 0.0 | 1.931 | 0.0 | 0.0 | 1.92 | 0.0 | 0.0 | 2.098 | 0.0 | 0.0 | 2.073 | 0.0 |
| 13 | 6972 | 6973 | NS | 1 | 0.0 | 27.636 | 10.803 | 0.0 | 27.001 | 10.896 | 0.0 | 354.11 | 5.968 | 0.0 | 146.004 | 6.149 | 0.0 | 1.943 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.094 | 0.0 | 0.0 | 2.07 | 0.0 |
| 14 | 6972 | 6973 | SN | 1 | 0.0 | 25.667 | 8.085 | 0.0 | 28.077 | 7.956 | 0.0 | 111.149 | 1.433 | 0.0 | 44.853 | 1.561 | 0.0 | 1.863 | 0.0 | 0.0 | 1.933 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.055 | 0.0 |
| 15 | 6973 | 6974 | NS | 1 | 0.0 | 27.608 | 10.801 | 0.0 | 27.001 | 10.851 | 0.0 | 150.855 | 5.951 | 0.0 | 138.553 | 6.078 | 0.0 | 1.943 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.069 | 0.0 |
| 16 | 6973 | 6974 | SN | 1 | 0.0 | 30.807 | 14.447 | 0.0 | 27.228 | 13.901 | 0.0 | 82.444 | 9.842 | 0.0 | 22.391 | 8.895 | 0.0 | 1.888 | 0.0 | 0.0 | 1.954 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.058 | 0.0 |
| 17 | 6973 | 6974 | SN | 1 | 0.0 | 30.807 | 14.437 | 0.0 | 27.228 | 13.891 | 0.0 | 82.455 | 9.842 | 0.0 | 22.391 | 8.902 | 0.0 | 1.889 | 0.0 | 0.0 | 1.954 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.058 | 0.0 |
| 18 | 6973 | 6974 | SN | 1 | 0.0 | 25.672 | 8.118 | 0.0 | 28.082 | 7.976 | 0.0 | 72.18 | 1.479 | 0.0 | 45.945 | 1.602 | 0.0 | 1.858 | 0.0 | 0.0 | 1.936 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.053 | 0.0 |
| 19 | 6973 | 6974 | SN | 1 | 0.745 | 30.807 | 14.481 | 0.0 | 27.228 | 13.983 | 0.0 | 82.455 | 9.791 | 0.0 | 60.323 | 9.103 | 0.001 | 1.889 | 0.0 | 0.0 | 1.954 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.058 | 0.0 |
| 20 | 6973 | 6974 | SN | 1 | 0.0 | 25.672 | 8.132 | 0.0 | 28.082 | 7.951 | 0.0 | 72.18 | 1.479 | 0.0 | 13.33 | 1.502 | 0.0 | 1.858 | 0.0 | 0.0 | 1.936 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.053 | 0.0 |
| 21 | 6973 | 6974 | NS | 1 | 0.0 | 27.283 | 14.009 | 0.0 | 29.577 | 16.103 | 0.0 | 172.247 | 14.774 | 0.0 | 143.914 | 14.987 | 0.0 | 1.93 | 0.0 | 0.0 | 1.905 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.069 | 0.0 |
| 22 | 6973 | 6974 | NS | 1 | 0.0 | 27.178 | 14.039 | 0.0 | 29.577 | 16.211 | 0.0 | 235.753 | 14.742 | 0.0 | 145.287 | 14.94 | 0.0 | 1.93 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.07 | 0.0 |
| 23 | 6973 | 6974 | SN | 1 | 0.0 | 25.672 | 8.132 | 0.0 | 28.082 | 7.945 | 0.0 | 72.169 | 1.476 | 0.0 | 13.33 | 1.5 | 0.0 | 1.858 | 0.0 | 0.0 | 1.936 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.053 | 0.0 |
| 24 | 6973 | 6974 | NS | 1 | 0.0 | 27.685 | 10.817 | 0.0 | 27.001 | 10.855 | 0.0 | 150.855 | 5.944 | 0.0 | 129.509 | 6.079 | 0.0 | 1.943 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.094 | 0.0 | 0.0 | 2.07 | 0.0 |
| 25 | 6974 | 6975 | NS | 1 | 0.0 | 27.283 | 14.059 | 0.0 | 30.206 | 16.113 | 0.0 | 154.903 | 14.774 | 0.0 | 152.253 | 14.979 | 0.0 | 1.932 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.096 | 0.0 | 0.0 | 2.07 | 0.0 |
| 26 | 6974 | 6975 | SN | 1 | 0.0 | 30.834 | 14.516 | 0.0 | 27.228 | 13.815 | 0.0 | 83.96 | 9.894 | 0.0 | 18.332 | 8.891 | 0.0 | 1.889 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.058 | 0.0 |
| 27 | 6974 | 6975 | SN | 1 | 0.0 | 30.834 | 14.54 | 0.0 | 27.228 | 13.974 | 0.0 | 83.96 | 9.819 | 0.0 | 61.41 | 9.274 | 0.0 | 1.889 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.008 | 0.0 | 0.0 | 2.058 | 0.0 |
| 28 | 6974 | 6975 | SN | 1 | 0.0 | 25.678 | 8.159 | 0.0 | 28.093 | 7.966 | 0.0 | 76.388 | 1.485 | 0.0 | 12.922 | 1.497 | 0.0 | 1.862 | 0.0 | 0.0 | 1.935 | 0.0 | 0.0 | 2.001 | 0.0 | 0.0 | 2.053 | 0.0 |
| 29 | 6974 | 6975 | SN | 1 | 0.0 | 25.678 | 8.139 | 0.0 | 28.093 | 8.01 | 0.0 | 76.388 | 1.484 | 0.0 | 40.315 | 1.638 | 0.0 | 1.862 | 0.0 | 0.0 | 1.935 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.053 | 0.0 |
| 30 | 6974 | 6975 | NS | 1 | 0.0 | 27.575 | 10.806 | 0.0 | 26.996 | 10.826 | 0.0 | 163.909 | 5.953 | 0.0 | 126.343 | 6.091 | 0.0 | 1.944 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.096 | 0.0 | 0.0 | 2.069 | 0.0 |
| 31 | 6975 | 6976 | NS | 1 | 0.0 | 27.713 | 10.824 | 0.0 | 26.996 | 10.83 | 0.0 | 172.104 | 5.95 | 0.0 | 136.904 | 6.075 | 0.0 | 1.945 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.094 | 0.0 | 0.0 | 2.07 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 6975 | 6976 | SN | 1 | 0.0 | 30.829 | 14.494 | 0.0 | 27.233 | 14.019 | 0.0 | 70.653 | 9.754 | 0.0 | 72.473 | 9.23 | 0.0 | 1.888 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.008 | 0.0 | 0.0 | 2.055 | 0.0 |
| 33 | 6975 | 6976 | NS | 1 | 0.0 | 27.189 | 14.0 | 0.0 | 29.549 | 16.201 | 0.0 | 176.031 | 14.714 | 0.0 | 154.547 | 14.997 | 0.0 | 1.931 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.096 | 0.0 | 0.0 | 2.069 | 0.0 |
| 34 | 6975 | 6976 | SN | 1 | 0.0 | 25.672 | 8.139 | 0.0 | 28.071 | 7.988 | 0.0 | 65.237 | 1.517 | 0.0 | 58.415 | 1.633 | 0.0 | 1.869 | 0.0 | 0.0 | 1.936 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.052 | 0.0 |
| 35 | 6976 | 6977 | NS | 1 | 0.0 | 27.625 | 10.805 | 0.0 | 27.007 | 10.852 | 0.0 | 354.888 | 5.957 | 0.0 | 134.483 | 6.102 | 0.0 | 1.943 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.096 | 0.0 | 0.0 | 2.07 | 0.0 |
| 36 | 6976 | 6977 | SN | 1 | 0.0 | 30.845 | 14.531 | 0.0 | 27.233 | 14.018 | 0.0 | 96.479 | 9.811 | 0.0 | 41.263 | 9.252 | 0.0 | 1.892 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.007 | 0.0 | 0.0 | 2.066 | 0.0 |
| 37 | 6976 | 6977 | NS | 1 | 0.0 | 27.194 | 14.038 | 0.0 | 29.522 | 16.221 | 0.0 | 354.529 | 14.743 | 0.0 | 151.541 | 14.989 | 0.0 | 1.932 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.098 | 0.0 | 0.0 | 2.07 | 0.0 |
| 38 | 6976 | 6977 | SN | 1 | 0.0 | 25.7 | 8.11 | 0.0 | 28.093 | 8.013 | 0.0 | 83.039 | 1.539 | 0.0 | 52.608 | 1.624 | 0.0 | 1.873 | 0.0 | 0.0 | 1.935 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.05 | 0.0 |
| 39 | 6977 | 6978 | SN | 1 | 0.0 | 25.683 | 8.137 | 0.0 | 28.082 | 7.937 | 0.0 | 73.669 | 1.492 | 0.0 | 12.26 | 1.447 | 0.0 | 1.854 | 0.0 | 0.0 | 1.935 | 0.0 | 0.0 | 2.002 | 0.0 | 0.0 | 2.055 | 0.0 |
| 40 | 6977 | 6978 | NS | 1 | 0.0 | 27.592 | 10.839 | 0.0 | 27.001 | 10.867 | 0.0 | 140.575 | 5.996 | 0.0 | 125.08 | 6.128 | 0.0 | 1.944 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.094 | 0.0 | 0.0 | 2.07 | 0.0 |
| 41 | 6977 | 6978 | SN | 1 | 0.0 | 25.683 | 8.123 | 0.0 | 28.082 | 8.003 | 0.0 | 73.669 | 1.488 | 0.0 | 55.029 | 1.634 | 0.0 | 1.854 | 0.0 | 0.0 | 1.935 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.055 | 0.0 |
| 42 | 6977 | 6978 | NS | 1 | 0.0 | 27.244 | 14.106 | 0.0 | 29.566 | 16.187 | 0.0 | 354.777 | 14.733 | 0.0 | 135.686 | 15.051 | 0.0 | 1.941 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.07 | 0.0 |
| 43 | 6977 | 6978 | SN | 1 | 0.0 | 30.834 | 14.489 | 0.0 | 27.233 | 13.923 | 0.0 | 84.55 | 9.865 | 0.0 | 69.456 | 9.106 | 0.0 | 1.89 | 0.0 | 0.0 | 1.955 | 0.0 | 0.0 | 2.007 | 0.0 | 0.0 | 2.053 | 0.0 |
| 44 | 6977 | 6978 | SN | 1 | 0.0 | 30.834 | 14.432 | 0.0 | 27.233 | 13.708 | 0.0 | 84.55 | 10.001 | 0.0 | 16.275 | 8.548 | 0.0 | 1.89 | 0.0 | 0.0 | 1.955 | 0.0 | 0.0 | 2.007 | 0.0 | 0.0 | 2.053 | 0.0 |
| 45 | 6978 | 6979 | NS | 1 | 0.0 | 27.68 | 10.8 | 0.0 | 27.001 | 10.887 | 0.0 | 351.601 | 5.966 | 0.0 | 166.851 | 6.157 | 0.0 | 1.944 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.098 | 0.0 | 0.0 | 2.07 | 0.0 |
| 46 | 6978 | 6979 | SN | 1 | 0.0 | 30.823 | 14.406 | 0.0 | 27.233 | 14.01 | 0.0 | 90.678 | 9.666 | 0.0 | 75.054 | 8.999 | 0.0 | 1.889 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.008 | 0.0 | 0.0 | 2.053 | 0.0 |
| 47 | 6978 | 6979 | NS | 1 | 0.0 | 27.277 | 14.106 | 0.0 | 29.588 | 16.212 | 0.0 | 149.228 | 14.678 | 0.0 | 158.749 | 15.045 | 0.0 | 1.93 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.096 | 0.0 | 0.0 | 2.07 | 0.0 |
| 48 | 6978 | 6979 | SN | 1 | 0.0 | 25.678 | 8.124 | 0.0 | 28.093 | 7.971 | 0.0 | 72.313 | 1.435 | 0.0 | 60.726 | 1.593 | 0.0 | 1.871 | 0.0 | 0.0 | 1.939 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.054 | 0.0 |
| 49 | 6979 | 6980 | NS | 1 | 0.0 | 27.597 | 10.863 | 0.0 | 26.996 | 10.89 | 0.0 | 352.042 | 5.975 | 0.0 | 153.499 | 6.134 | 0.0 | 1.945 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.095 | 0.0 | 0.0 | 2.071 | 0.0 |
| 50 | 6979 | 6980 | SN | 1 | 0.0 | 30.807 | 14.446 | 0.0 | 27.217 | 14.01 | 0.0 | 82.736 | 9.745 | 0.0 | 72.28 | 8.999 | 0.0 | 1.889 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.054 | 0.0 |
| 51 | 6979 | 6980 | NS | 1 | 0.0 | 27.244 | 14.108 | 0.0 | 29.616 | 16.191 | 0.0 | 147.369 | 14.671 | 0.0 | 145.403 | 15.052 | 0.0 | 1.93 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.07 | 0.0 |
| 52 | 6979 | 6980 | SN | 1 | 0.0 | 25.678 | 8.081 | 0.0 | 28.071 | 7.962 | 0.0 | 63.312 | 1.462 | 0.0 | 58.658 | 1.554 | 0.0 | 1.876 | 0.0 | 0.0 | 1.939 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.054 | 0.0 |
| 53 | 6979 | 6980 | SN | 1 | 0.0 | 30.807 | 14.446 | 0.0 | 27.217 | 14.01 | 0.0 | 82.736 | 9.745 | 0.0 | 72.28 | 8.999 | 0.0 | 1.889 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.054 | 0.0 |
| 54 | 6979 | 6980 | NS | 1 | 0.0 | 27.454 | 10.86 | 0.0 | 27.007 | 10.872 | 0.0 | 354.099 | 5.976 | 0.0 | 147.162 | 6.152 | 0.0 | 1.945 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.095 | 0.0 | 0.0 | 2.071 | 0.0 |
| 55 | 6979 | 6980 | SN | 1 | 0.0 | 25.678 | 8.081 | 0.0 | 28.071 | 7.962 | 0.0 | 63.312 | 1.462 | 0.0 | 58.658 | 1.554 | 0.0 | 1.876 | 0.0 | 0.0 | 1.939 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.054 | 0.0 |
| 56 | 6979 | 6980 | NS | 1 | 0.0 | 27.261 | 14.042 | 0.0 | 29.616 | 16.203 | 0.0 | 354.099 | 14.772 | 0.0 | 143.357 | 15.0 | 0.0 | 1.933 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.07 | 0.0 |
| 57 | 6980 | 6981 | SN | 1 | 0.0 | 30.829 | 14.408 | 0.0 | 27.222 | 13.977 | 0.0 | 81.776 | 9.709 | 0.0 | 68.403 | 8.964 | 0.0 | 1.886 | 0.0 | 0.0 | 1.954 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.053 | 0.0 |
| 58 | 6980 | 6981 | SN | 1 | 0.0 | 25.678 | 8.096 | 0.0 | 28.088 | 7.935 | 0.0 | 61.614 | 1.446 | 0.0 | 54.852 | 1.557 | 0.0 | 1.872 | 0.0 | 0.0 | 1.936 | 0.0 | 0.0 | 2.003 | 0.0 | 0.0 | 2.052 | 0.0 |
| 59 | 6980 | 6981 | NS | 1 | 0.0 | 27.294 | 14.072 | 0.0 | 30.217 | 16.192 | 0.0 | 157.059 | 14.736 | 0.0 | 144.289 | 15.001 | 0.0 | 1.933 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.074 | 0.0 |
| 60 | 6980 | 6981 | NS | 1 | 0.0 | 27.294 | 14.072 | 0.0 | 30.217 | 16.192 | 0.0 | 157.059 | 14.736 | 0.0 | 144.289 | 15.001 | 0.0 | 1.933 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.074 | 0.0 |
| 61 | 6980 | 6981 | NS | 1 | 0.0 | 27.553 | 10.859 | 0.0 | 27.001 | 10.858 | 0.0 | 150.987 | 5.955 | 0.0 | 139.006 | 6.112 | 0.0 | 1.945 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.095 | 0.0 | 0.0 | 2.071 | 0.0 |
| 62 | 6980 | 6981 | NS | 1 | 0.0 | 27.553 | 10.859 | 0.0 | 27.001 | 10.858 | 0.0 | 150.987 | 5.955 | 0.0 | 139.006 | 6.112 | 0.0 | 1.945 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.095 | 0.0 | 0.0 | 2.071 | 0.0 |
| 63 | 6981 | 6982 | NS | 1 | 0.0 | 27.244 | 14.078 | 0.0 | 29.555 | 16.221 | 0.0 | 148.98 | 14.707 | 0.0 | 152.407 | 14.997 | 0.0 | 1.933 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.096 | 0.0 | 0.0 | 2.071 | 0.0 |
| 64 | 6981 | 6982 | NS | 1 | 0.0 | 27.426 | 10.856 | 0.0 | 27.007 | 10.889 | 0.0 | 355.544 | 5.936 | 0.0 | 132.443 | 6.137 | 0.0 | 1.945 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.094 | 0.0 | 0.0 | 2.071 | 0.0 |
| 65 | 6986 | 6987 | SN | 1 | 0.0 | 30.79 | 14.297 | 0.0 | 27.228 | 13.902 | 0.0 | 83.552 | 9.756 | 0.0 | 17.648 | 8.649 | 0.0 | 1.881 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.01 | 0.0 | 0.0 | 2.076 | 0.0 |
| 66 | 6986 | 6987 | SN | 1 | 0.0 | 30.79 | 14.324 | 0.0 | 27.228 | 14.045 | 0.0 | 83.552 | 9.665 | 0.0 | 75.87 | 9.064 | 0.0 | 1.881 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.01 | 0.0 | 0.0 | 2.076 | 0.0 |
| 67 | 6986 | 6987 | SN | 1 | 0.0 | 25.656 | 8.095 | 0.0 | 28.099 | 7.943 | 0.0 | 63.98 | 1.479 | 0.0 | 12.585 | 1.467 | 0.0 | 1.867 | 0.0 | 0.0 | 1.938 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.053 | 0.0 |
| 68 | 6986 | 6987 | NS | 1 | 0.0 | 27.255 | 14.142 | 0.0 | 30.487 | 16.498 | 0.0 | 147.22 | 14.635 | 0.0 | 150.819 | 15.052 | 0.0 | 1.938 | 0.0 | 0.0 | 1.92 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 2.071 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 6986 | 6987 | NS | 1 | 0.0 | 27.134 | 10.869 | 0.0 | 26.996 | 10.945 | 0.0 | 348.496 | 6.002 | 0.0 | 153.339 | 6.125 | 0.0 | 1.945 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.098 | 0.0 | 0.0 | 2.071 | 0.0 |
| 70 | 6986 | 6987 | SN | 1 | 0.0 | 25.656 | 8.09 | 0.0 | 28.099 | 7.994 | 0.0 | 63.98 | 1.474 | 0.0 | 61.58 | 1.634 | 0.0 | 1.867 | 0.0 | 0.0 | 1.938 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.053 | 0.0 |
| 71 | 6987 | 6988 | SN | 1 | 0.0 | 25.672 | 8.094 | 0.0 | 28.082 | 8.03 | 0.0 | 62.54 | 1.497 | 0.0 | 57.808 | 1.661 | 0.0 | 1.868 | 0.0 | 0.0 | 1.93 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.06 | 0.0 |
| 72 | 6987 | 6988 | NS | 1 | 0.0 | 27.123 | 10.854 | 0.0 | 27.007 | 10.896 | 0.0 | 354.198 | 5.995 | 0.0 | 130.584 | 6.073 | 0.0 | 1.944 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.099 | 0.0 | 0.0 | 2.071 | 0.0 |
| 73 | 6987 | 6988 | SN | 1 | 0.0 | 25.672 | 8.091 | 0.0 | 28.082 | 8.012 | 0.0 | 62.54 | 1.5 | 0.0 | 14.036 | 1.561 | 0.0 | 1.868 | 0.0 | 0.0 | 1.93 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.06 | 0.0 |
| 74 | 6987 | 6988 | SN | 1 | 0.0 | 30.807 | 14.302 | 0.0 | 27.217 | 13.966 | 0.0 | 82.234 | 9.77 | 0.0 | 22.292 | 8.892 | 0.0 | 1.882 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.009 | 0.0 | 0.0 | 2.076 | 0.0 |
| 75 | 6987 | 6988 | NS | 1 | 0.0 | 27.217 | 13.998 | 0.0 | 30.255 | 16.47 | 0.0 | 354.198 | 14.694 | 0.0 | 145.227 | 15.014 | 0.0 | 1.933 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.098 | 0.0 | 0.0 | 2.071 | 0.0 |
| 76 | 6987 | 6988 | SN | 1 | 0.0 | 30.807 | 14.343 | 0.0 | 27.228 | 14.057 | 0.0 | 82.212 | 9.736 | 0.0 | 67.906 | 9.05 | 0.0 | 1.882 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.009 | 0.0 | 0.0 | 2.076 | 0.0 |
| 77 | 6987 | 6988 | SN | 1 | 0.0 | 25.672 | 8.089 | 0.0 | 28.082 | 8.014 | 0.0 | 62.562 | 1.491 | 0.0 | 14.036 | 1.572 | 0.0 | 1.868 | 0.0 | 0.0 | 1.93 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.06 | 0.0 |
| 78 | 6987 | 6988 | SN | 1 | 0.0 | 30.807 | 14.302 | 0.0 | 27.217 | 13.966 | 0.0 | 82.212 | 9.784 | 0.0 | 22.297 | 8.863 | 0.0 | 1.882 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.009 | 0.0 | 0.0 | 2.076 | 0.0 |
| 79 | 6988 | 6989 | NS | 1 | 0.0 | 27.123 | 10.871 | 0.0 | 26.996 | 10.885 | 0.0 | 350.487 | 6.006 | 0.0 | 128.422 | 6.034 | 0.0 | 1.944 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.071 | 0.0 |
| 80 | 6988 | 6989 | SN | 1 | 0.0 | 25.672 | 8.131 | 0.0 | 28.06 | 8.066 | 0.0 | 72.291 | 1.532 | 0.0 | 38.781 | 1.695 | 0.0 | 1.87 | 0.0 | 0.0 | 1.928 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.06 | 0.0 |
| 81 | 6988 | 6989 | SN | 1 | 0.0 | 30.801 | 14.405 | 0.0 | 27.239 | 13.992 | 0.0 | 76.306 | 9.797 | 0.0 | 20.417 | 8.935 | 0.0 | 1.882 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.074 | 0.0 |
| 82 | 6988 | 6989 | SN | 1 | 0.0 | 30.801 | 14.425 | 0.0 | 27.239 | 14.109 | 0.0 | 76.306 | 9.74 | 0.0 | 60.229 | 9.206 | 0.0 | 1.882 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.074 | 0.0 |
| 83 | 6988 | 6989 | SN | 1 | 0.0 | 25.672 | 8.139 | 0.0 | 28.06 | 8.042 | 0.0 | 72.291 | 1.533 | 0.0 | 12.789 | 1.575 | 0.0 | 1.87 | 0.0 | 0.0 | 1.928 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.06 | 0.0 |
| 84 | 6988 | 6989 | SN | 1 | 0.0 | 30.801 | 14.425 | 0.0 | 27.239 | 14.109 | 0.0 | 76.306 | 9.74 | 0.0 | 60.229 | 9.206 | 0.0 | 1.882 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.074 | 0.0 |
| 85 | 6988 | 6989 | NS | 1 | 0.0 | 27.194 | 13.993 | 0.0 | 30.514 | 16.5 | 0.0 | 153.656 | 14.663 | 0.0 | 153.841 | 15.042 | 0.0 | 1.939 | 0.0 | 0.0 | 1.92 | 0.0 | 0.0 | 2.099 | 0.0 | 0.0 | 2.07 | 0.0 |
| 86 | 6988 | 6989 | SN | 1 | 0.0 | 25.672 | 8.131 | 0.0 | 28.06 | 8.066 | 0.0 | 72.291 | 1.532 | 0.0 | 38.781 | 1.695 | 0.0 | 1.87 | 0.0 | 0.0 | 1.928 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.06 | 0.0 |
| 87 | 6989 | 6990 | SN | 1 | 0.0 | 25.678 | 8.116 | 0.0 | 28.082 | 8.077 | 0.0 | 70.796 | 1.546 | 0.0 | 54.036 | 1.707 | 0.0 | 1.865 | 0.0 | 0.0 | 1.926 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.058 | 0.0 |
| 88 | 6989 | 6990 | SN | 1 | 0.0 | 25.678 | 8.134 | 0.0 | 28.082 | 8.027 | 0.0 | 70.796 | 1.549 | 0.0 | 12.332 | 1.534 | 0.0 | 1.865 | 0.0 | 0.0 | 1.926 | 0.0 | 0.0 | 2.004 | 0.0 | 0.0 | 2.058 | 0.0 |
| 89 | 6989 | 6990 | NS | 1 | 0.0 | 27.189 | 14.046 | 0.0 | 30.321 | 16.596 | 0.0 | 163.407 | 14.665 | 0.0 | 155.876 | 15.068 | 0.0 | 1.935 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.071 | 0.0 |
| 90 | 6989 | 6990 | NS | 1 | 0.0 | 27.134 | 10.851 | 0.0 | 26.996 | 10.892 | 0.0 | 151.527 | 6.028 | 0.0 | 136.8 | 6.04 | 0.0 | 1.945 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 2.071 | 0.0 |
| 91 | 6989 | 6990 | NS | 1 | 0.0 | 27.134 | 10.846 | 0.0 | 27.001 | 10.894 | 0.0 | 354.066 | 6.026 | 0.0 | 139.987 | 6.046 | 0.0 | 1.945 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 2.07 | 0.0 |
| 92 | 6989 | 6990 | NS | 1 | 0.0 | 27.167 | 13.973 | 0.0 | 30.509 | 16.589 | 0.0 | 157.147 | 14.706 | 0.0 | 155.876 | 15.056 | 0.0 | 1.939 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 2.07 | 0.0 |
| 93 | 6989 | 6990 | SN | 1 | 0.0 | 30.84 | 14.402 | 0.0 | 27.239 | 14.156 | 0.0 | 74.574 | 9.733 | 0.0 | 61.476 | 9.223 | 0.0 | 1.886 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.074 | 0.0 |
| 94 | 6989 | 6990 | SN | 1 | 0.0 | 30.84 | 14.369 | 0.0 | 27.239 | 13.938 | 0.0 | 74.574 | 9.822 | 0.0 | 17.207 | 8.725 | 0.0 | 1.886 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.074 | 0.0 |
| 95 | 6990 | 6991 | NS | 1 | 0.0 | 27.145 | 14.015 | 0.0 | 30.366 | 16.709 | 0.0 | 354.783 | 14.65 | 0.0 | 151.635 | 15.102 | 0.0 | 1.936 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.098 | 0.0 | 0.0 | 2.071 | 0.0 |
| 96 | 6990 | 6991 | SN | 1 | 0.0 | 25.678 | 8.14 | 0.0 | 28.071 | 8.097 | 0.0 | 103.307 | 1.553 | 0.0 | 31.535 | 1.701 | 0.0 | 1.874 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.006 | 0.0 | 0.0 | 2.06 | 0.0 |
| 97 | 6990 | 6991 | SN | 1 | 0.0 | 30.829 | 14.406 | 0.0 | 27.244 | 14.101 | 0.0 | 98.746 | 9.797 | 0.0 | 39.352 | 9.254 | 0.0 | 1.888 | 0.0 | 0.0 | 1.955 | 0.0 | 0.0 | 2.01 | 0.0 | 0.0 | 2.074 | 0.0 |
| 98 | 6990 | 6991 | NS | 1 | 0.0 | 27.123 | 10.861 | 0.0 | 27.001 | 10.88 | 0.0 | 354.783 | 6.021 | 0.0 | 140.313 | 6.064 | 0.0 | 1.946 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.071 | 0.0 |
| 99 | 6991 | 6992 | NS | 1 | 0.0 | 27.139 | 10.845 | 0.0 | 26.996 | 10.912 | 0.0 | 354.866 | 6.051 | 0.0 | 126.58 | 6.08 | 0.0 | 1.945 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.095 | 0.0 | 0.0 | 2.072 | 0.0 |
| 100 | 6991 | 6992 | SN | 1 | 0.0 | 30.84 | 14.448 | 0.0 | 27.239 | 14.143 | 0.0 | 86.271 | 9.79 | 0.0 | 63.533 | 9.275 | 0.0 | 1.884 | 0.0 | 0.0 | 1.955 | 0.0 | 0.0 | 2.012 | 0.0 | 0.0 | 2.075 | 0.0 |
| 101 | 6991 | 6992 | NS | 1 | 0.0 | 27.211 | 14.083 | 0.0 | 30.377 | 16.648 | 0.0 | 354.866 | 14.643 | 0.0 | 146.01 | 15.109 | 0.0 | 1.933 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.098 | 0.0 | 0.0 | 2.072 | 0.0 |
| 102 | 6991 | 6992 | SN | 1 | 0.0 | 25.689 | 8.108 | 0.0 | 28.049 | 8.068 | 0.0 | 70.289 | 1.535 | 0.0 | 54.67 | 1.705 | 0.0 | 1.872 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.009 | 0.0 | 0.0 | 2.062 | 0.0 |
| 103 | 6992 | 6993 | SN | 1 | 0.0 | 25.678 | 8.097 | 0.0 | 27.316 | 8.082 | 0.0 | 65.871 | 1.535 | 0.0 | 56.209 | 1.694 | 0.0 | 1.87 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.007 | 0.0 | 0.0 | 2.061 | 0.0 |
| 104 | 6992 | 6993 | NS | 1 | 0.0 | 27.084 | 14.091 | 0.0 | 30.553 | 16.828 | 0.0 | 356.459 | 14.62 | 0.0 | 171.726 | 15.035 | 0.0 | 1.938 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 2.072 | 0.0 |
| 105 | 6992 | 6993 | SN | 1 | 0.0 | 30.84 | 14.353 | 0.0 | 27.266 | 14.153 | 0.0 | 79.08 | 9.733 | 0.0 | 69.925 | 9.225 | 0.0 | 1.883 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.01 | 0.0 | 0.0 | 2.074 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 6992 | 6993 | NS | 1 | 0.0 | 27.139 | 10.848 | 0.0 | 27.007 | 10.948 | 0.0 | 144.027 | 6.071 | 0.0 | 117.056 | 6.11 | 0.0 | 1.947 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.098 | 0.0 | 0.0 | 2.071 | 0.0 |
| 107 | 6993 | 6994 | SN | 1 | 0.0 | 30.807 | 14.372 | 0.0 | 27.244 | 14.044 | 0.0 | 84.644 | 9.686 | 0.0 | 75.313 | 9.1 | 0.0 | 1.883 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.01 | 0.0 | 0.0 | 2.078 | 0.0 |
| 108 | 6993 | 6994 | SN | 1 | 0.0 | 25.678 | 8.105 | 0.0 | 28.093 | 8.058 | 0.0 | 65.105 | 1.492 | 0.0 | 61.167 | 1.656 | 0.0 | 1.87 | 0.0 | 0.0 | 1.933 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.058 | 0.0 |
| 109 | 6993 | 6994 | NS | 1 | 0.0 | 27.128 | 10.873 | 0.0 | 27.001 | 10.957 | 0.0 | 349.792 | 6.047 | 0.0 | 160.233 | 6.119 | 0.0 | 1.95 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.101 | 0.0 | 0.0 | 2.072 | 0.0 |
| 110 | 6993 | 6994 | NS | 1 | 0.0 | 27.106 | 14.162 | 0.0 | 30.559 | 16.848 | 0.0 | 163.164 | 14.633 | 0.0 | 157.177 | 15.078 | 0.0 | 1.934 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.101 | 0.0 | 0.0 | 2.072 | 0.0 |
| 111 | 6994 | 6995 | NS | 1 | 0.0 | 27.139 | 10.84 | 0.0 | 27.007 | 10.919 | 0.0 | 350.31 | 6.042 | 0.0 | 142.673 | 6.083 | 0.0 | 1.946 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.098 | 0.0 | 0.0 | 2.072 | 0.0 |
| 112 | 6994 | 6995 | SN | 1 | 0.0 | 25.678 | 8.094 | 0.0 | 28.104 | 8.031 | 0.0 | 62.871 | 1.501 | 0.0 | 58.95 | 1.641 | 0.0 | 1.868 | 0.0 | 0.0 | 1.93 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.056 | 0.0 |
| 113 | 6994 | 6995 | NS | 1 | 0.0 | 27.112 | 14.09 | 0.0 | 30.575 | 16.821 | 0.0 | 354.353 | 14.664 | 0.0 | 153.488 | 15.066 | 0.0 | 1.934 | 0.0 | 0.0 | 1.907 | 0.0 | 0.0 | 2.101 | 0.0 | 0.0 | 2.072 | 0.0 |
| 114 | 6994 | 6995 | SN | 1 | 0.0 | 30.801 | 14.372 | 0.0 | 27.239 | 14.084 | 0.0 | 82.852 | 9.693 | 0.0 | 72.208 | 9.151 | 0.0 | 1.881 | 0.0 | 0.0 | 1.951 | 0.0 | 0.0 | 2.008 | 0.0 | 0.0 | 2.076 | 0.0 |
| 115 | 6995 | 6996 | SN | 1 | 0.0 | 25.678 | 8.094 | 0.0 | 27.299 | 8.022 | 0.0 | 59.97 | 1.488 | 0.0 | 58.139 | 1.666 | 0.0 | 1.87 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.005 | 0.0 | 0.0 | 2.059 | 0.0 |
| 116 | 6995 | 6996 | SN | 1 | 0.0 | 30.84 | 14.353 | 0.0 | 27.239 | 14.083 | 0.0 | 75.021 | 9.658 | 0.0 | 68.281 | 9.158 | 0.0 | 1.882 | 0.0 | 0.0 | 1.954 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.079 | 0.0 |
| 117 | 6995 | 6996 | NS | 1 | 0.0 | 27.139 | 10.841 | 0.0 | 27.001 | 10.924 | 0.0 | 146.134 | 6.01 | 0.0 | 127.248 | 6.103 | 0.0 | 1.945 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.098 | 0.0 | 0.0 | 2.071 | 0.0 |
| 118 | 6995 | 6996 | NS | 1 | 0.0 | 27.172 | 14.098 | 0.0 | 30.548 | 16.714 | 0.0 | 148.152 | 14.631 | 0.0 | 142.171 | 15.092 | 0.0 | 1.939 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.097 | 0.0 | 0.0 | 2.071 | 0.0 |
| 119 | 6996 | 6997 | NS | 1 | 0.0 | 27.205 | 14.088 | 0.0 | 29.274 | 16.668 | 0.0 | 151.869 | 14.699 | 0.0 | 26.704 | 14.984 | 0.0 | 1.935 | 0.0 | 0.0 | 1.905 | 0.0 | 0.0 | 2.099 | 0.0 | 0.0 | 2.071 | 0.0 |
| 120 | 6996 | 6997 | NS | 1 | 0.0 | 27.128 | 10.89 | 0.0 | 27.001 | 10.986 | 0.0 | 149.542 | 6.084 | 0.0 | 17.13 | 6.077 | 0.0 | 1.947 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.096 | 0.0 | 0.0 | 2.071 | 0.0 |

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