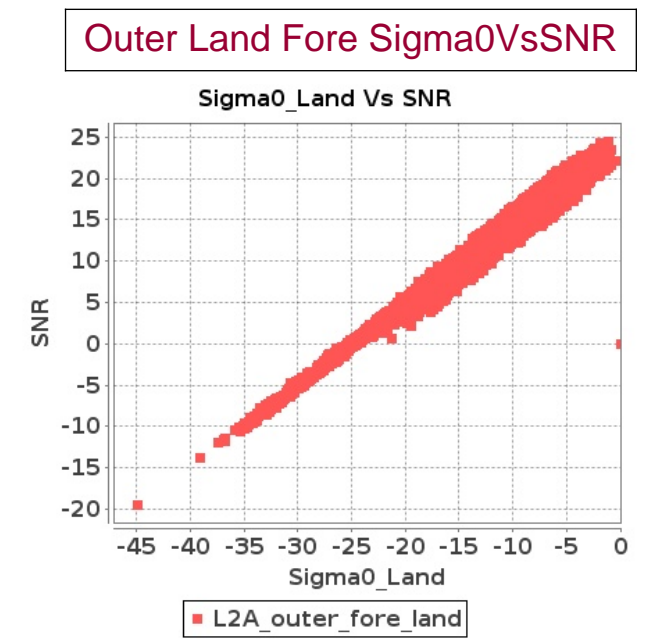
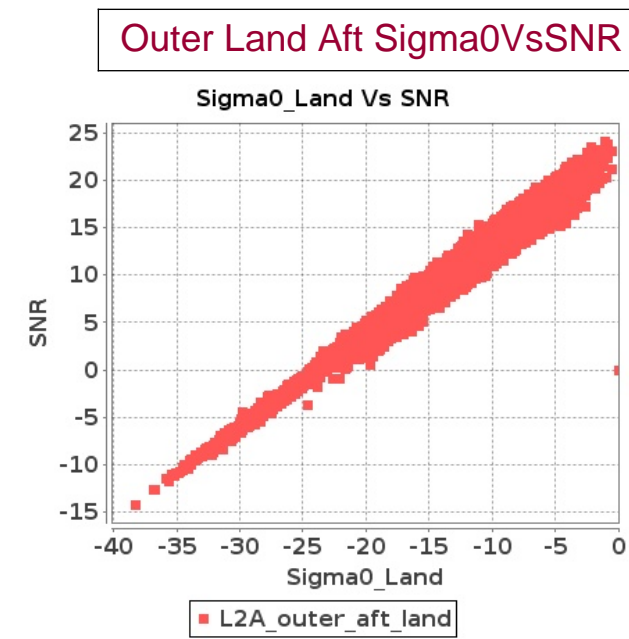
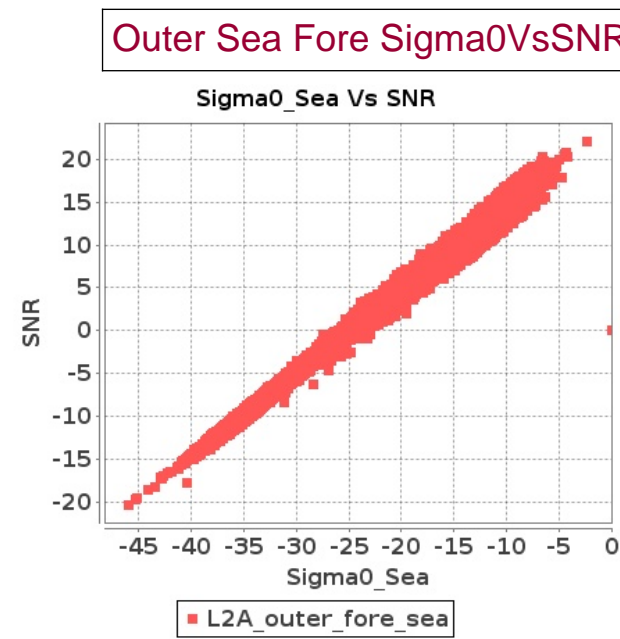
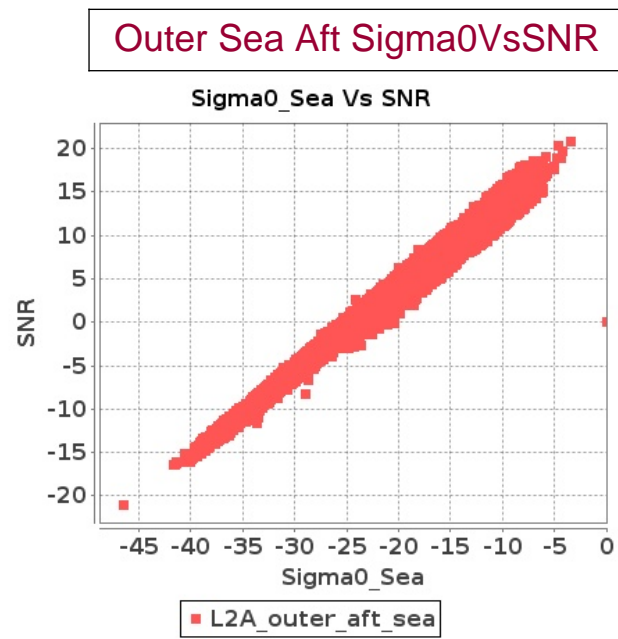
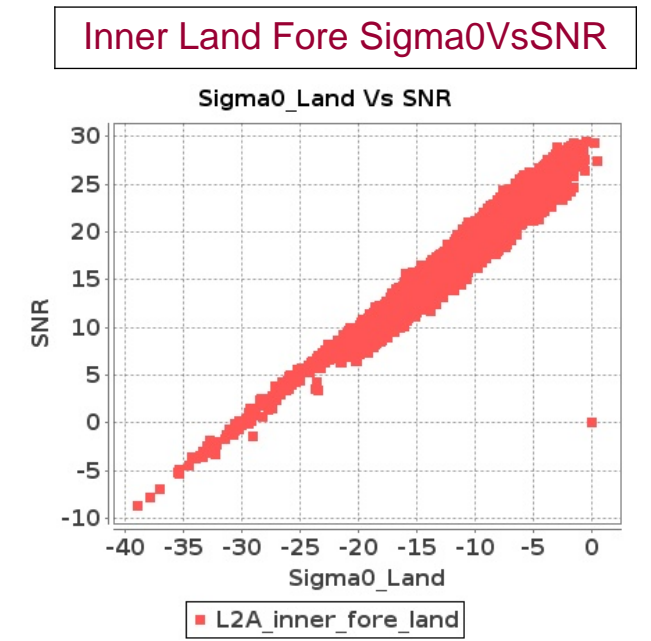
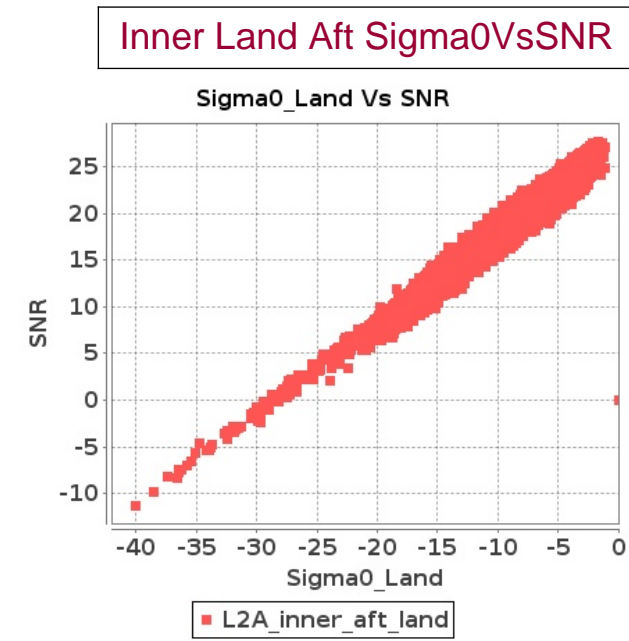
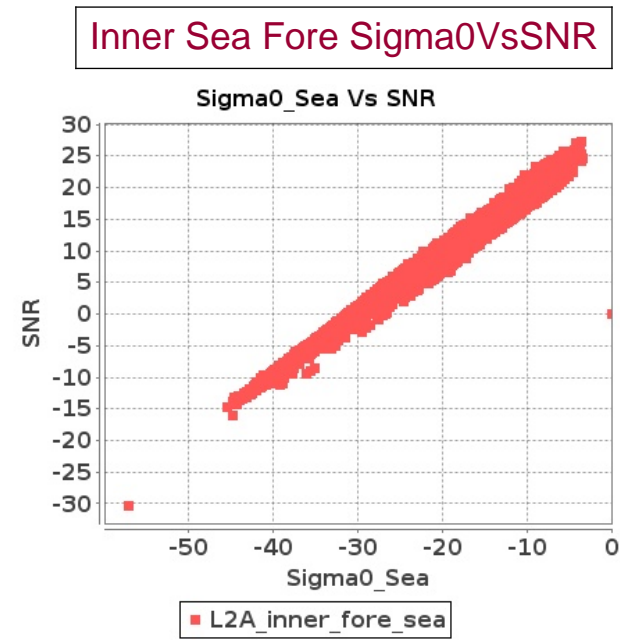
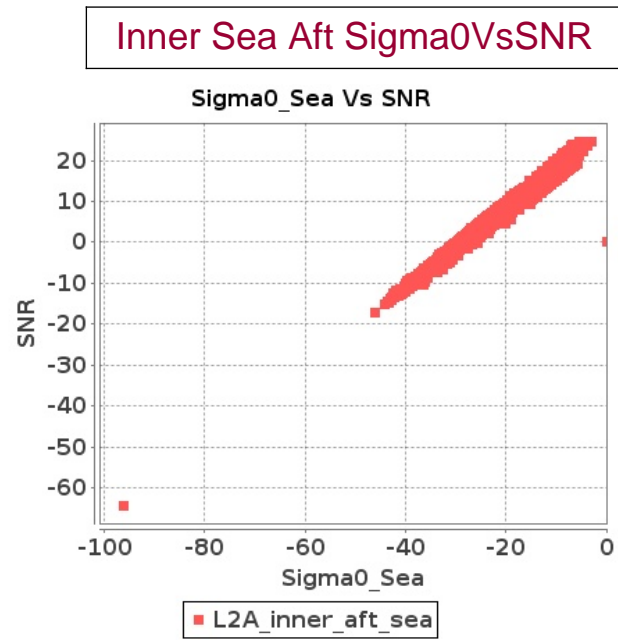


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 14-OCT-2017 To 15-OCT-2017



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

Report between 14-OCT-2017 To 15-OCT-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     | 5550        | 5551      | SN   | 1    | 0.0       | 48.514 | 1.432      | 0.0        | 51.849 | 1.153      | 0.0       | 43.537 | 0.882      | 0.0        | 42.224 | 0.872      | 0.0       | 45.55  | 1.2        | 0.0        | 52.035 | 0.947      | 0.0       | 41.966 | 0.763      | 0.0        | 38.897 | 0.674      |
| 2     | 5550        | 5551      | SN   | 1    | 0.0       | 53.211 | 4.627      | 0.0        | 47.269 | 3.795      | 0.0       | 44.3   | 3.347      | 0.0        | 45.394 | 3.469      | 0.0       | 51.402 | 3.946      | 0.0        | 45.83  | 3.322      | 0.0       | 42.151 | 2.916      | 0.0        | 43.071 | 2.983      |
| 3     | 5550        | 5551      | SN   | 1    | 0.0       | 53.211 | 4.45       | 0.0        | 47.269 | 3.633      | 0.0       | 44.3   | 3.287      | 0.0        | 45.394 | 3.324      | 0.0       | 51.402 | 3.79       | 0.0        | 45.83  | 3.18       | 0.0       | 42.151 | 2.839      | 0.0        | 43.071 | 2.852      |
| 4     | 5550        | 5551      | SN   | 1    | 0.0       | 48.514 | 1.496      | 0.0        | 51.849 | 1.205      | 0.0       | 43.537 | 0.902      | 0.0        | 42.224 | 0.912      | 0.0       | 45.55  | 1.252      | 0.0        | 52.035 | 0.989      | 0.0       | 41.966 | 0.779      | 0.0        | 38.897 | 0.705      |
| 5     | 5550        | 5551      | SN   | 1    | 0.0       | 49.721 | 4.58       | 0.0        | 47.252 | 3.633      | 0.0       | 44.153 | 3.244      | 0.0        | 44.173 | 3.26       | 0.0       | 49.153 | 3.94       | 0.0        | 47.351 | 3.099      | 0.0       | 42.938 | 2.797      | 0.0        | 42.573 | 2.752      |
| 6     | 5550        | 5551      | SN   | 1    | 0.0       | 43.732 | 1.443      | 0.0        | 49.334 | 1.112      | 0.0       | 43.124 | 0.852      | 0.0        | 40.386 | 0.947      | 0.0       | 46.212 | 1.204      | 0.0        | 46.255 | 0.926      | 0.0       | 41.196 | 0.728      | 0.0        | 37.793 | 0.744      |
| 7     | 5551        | 5552      | SN   | 1    | 0.0       | 43.4   | 1.398      | 0.0        | 50.287 | 1.302      | 0.0       | 41.254 | 0.937      | 0.0        | 47.338 | 0.836      | 0.0       | 41.338 | 1.231      | 0.0        | 46.202 | 1.146      | 0.0       | 42.536 | 0.823      | 0.0        | 50.943 | 0.698      |
| 8     | 5551        | 5552      | SN   | 1    | 0.0       | 43.4   | 1.411      | 0.0        | 50.287 | 1.317      | 0.0       | 41.254 | 0.947      | 0.0        | 47.338 | 0.846      | 0.0       | 41.338 | 1.243      | 0.0        | 46.202 | 1.159      | 0.0       | 42.536 | 0.833      | 0.0        | 50.943 | 0.706      |
| 9     | 5551        | 5552      | SN   | 1    | 0.0       | 51.363 | 4.28       | 0.0        | 41.413 | 3.552      | 0.0       | 46.051 | 3.102      | 0.0        | 48.054 | 2.666      | 0.0       | 47.993 | 3.95       | 0.0        | 41.345 | 3.391      | 0.0       | 46.011 | 2.967      | 0.0        | 46.396 | 2.609      |
| 10    | 5551        | 5552      | SN   | 1    | 0.0       | 51.363 | 4.28       | 0.0        | 41.413 | 3.552      | 0.0       | 46.051 | 3.102      | 0.0        | 48.054 | 2.666      | 0.0       | 47.993 | 3.95       | 0.0        | 41.345 | 3.391      | 0.0       | 46.011 | 2.967      | 0.0        | 46.396 | 2.609      |
| 11    | 5551        | 5552      | SN   | 1    | 0.0       | 43.4   | 1.398      | 0.0        | 50.287 | 1.302      | 0.0       | 41.254 | 0.937      | 0.0        | 47.338 | 0.836      | 0.0       | 41.338 | 1.231      | 0.0        | 46.202 | 1.146      | 0.0       | 42.536 | 0.823      | 0.0        | 50.943 | 0.698      |
| 12    | 5551        | 5552      | SN   | 1    | 0.0       | 51.363 | 4.328      | 0.0        | 41.413 | 3.588      | 0.0       | 46.051 | 3.137      | 0.0        | 48.054 | 2.694      | 0.0       | 47.993 | 3.994      | 0.0        | 41.345 | 3.426      | 0.0       | 46.011 | 3.001      | 0.0        | 46.396 | 2.636      |
| 13    | 5551        | 5552      | NS   | 1    | 0.0       | 51.777 | 1.983      | 0.0        | 50.63  | 1.586      | 0.0       | 43.429 | 1.324      | 0.0        | 39.611 | 1.256      | 0.0       | 51.14  | 1.796      | 0.0        | 51.276 | 1.426      | 0.0       | 40.594 | 1.319      | 0.0        | 40.576 | 1.09       |
| 14    | 5551        | 5552      | NS   | 1    | 0.0       | 57.904 | 5.602      | 0.0        | 45.61  | 4.502      | 0.0       | 48.876 | 4.229      | 0.0        | 44.831 | 3.981      | 0.0       | 56.454 | 5.069      | 0.0        | 46.435 | 3.999      | 0.0       | 50.05  | 4.051      | 0.0        | 44.336 | 3.484      |
| 15    | 5552        | 5553      | SN   | 1    | 0.0       | 47.705 | 2.66       | 0.0        | 47.269 | 1.832      | 0.0       | 42.734 | 2.264      | 0.0        | 42.106 | 2.309      | 0.0       | 48.605 | 2.18       | 0.0        | 47.509 | 1.399      | 0.0       | 42.66  | 1.966      | 0.0        | 43.351 | 1.937      |
| 16    | 5552        | 5553      | NS   | 1    | 0.0       | 41.084 | 1.656      | 0.0        | 45.493 | 1.317      | 0.0       | 46.942 | 1.071      | 0.0        | 39.155 | 1.121      | 0.0       | 40.337 | 1.475      | 0.0        | 45.707 | 1.177      | 0.0       | 48.538 | 0.968      | 0.0        | 37.308 | 1.031      |
| 17    | 5552        | 5553      | SN   | 1    | 0.0       | 47.705 | 2.686      | 0.0        | 47.269 | 1.846      | 0.0       | 42.734 | 2.287      | 0.0        | 42.106 | 2.327      | 0.0       | 48.605 | 2.201      | 0.0        | 47.509 | 1.41       | 0.0       | 42.66  | 1.979      | 0.0        | 43.351 | 1.952      |
| 18    | 5552        | 5553      | SN   | 1    | 0.0       | 47.705 | 2.686      | 0.0        | 47.269 | 1.846      | 0.0       | 42.734 | 2.287      | 0.0        | 42.106 | 2.327      | 0.0       | 48.605 | 2.201      | 0.0        | 47.509 | 1.41       | 0.0       | 42.66  | 1.979      | 0.0        | 43.351 | 1.952      |
| 19    | 5552        | 5553      | NS   | 1    | 0.0       | 49.738 | 1.659      | 0.0        | 48.585 | 1.293      | 0.0       | 39.657 | 1.036      | 0.0        | 39.099 | 1.122      | 0.0       | 47.092 | 1.478      | 0.0        | 45.336 | 1.172      | 0.0       | 41.947 | 1.002      | 0.0        | 40.842 | 1.001      |
| 20    | 5552        | 5553      | SN   | 1    | 0.0       | 52.751 | 1.037      | 0.0        | 40.552 | 0.814      | 0.0       | 39.775 | 0.733      | 0.0        | 40.844 | 0.77       | 0.0       | 51.844 | 0.825      | 0.0        | 40.38  | 0.639      | 0.0       | 38.826 | 0.593      | 0.0        | 42.39  | 0.617      |
| 21    | 5552        | 5553      | NS   | 1    | 0.0       | 47.25  | 4.737      | 0.0        | 53.255 | 3.908      | 0.0       | 45.765 | 3.269      | 0.0        | 42.719 | 3.484      | 0.0       | 47.238 | 4.435      | 0.0        | 54.289 | 3.557      | 0.0       | 45.179 | 3.134      | 0.0        | 39.185 | 3.236      |
| 22    | 5552        | 5553      | NS   | 1    | 0.0       | 50.986 | 4.877      | 0.0        | 44.809 | 3.758      | 0.0       | 40.681 | 3.283      | 0.0        | 42.669 | 3.485      | 0.0       | 50.321 | 4.233      | 0.0        | 44.639 | 3.396      | 0.0       | 42.246 | 3.127      | 0.0        | 42.29  | 3.315      |
| 23    | 5552        | 5553      | SN   | 1    | 0.0       | 52.751 | 1.05       | 0.0        | 40.552 | 0.821      | 0.0       | 39.775 | 0.735      | 0.0        | 40.844 | 0.777      | 0.0       | 51.844 | 0.834      | 0.0        | 40.38  | 0.645      | 0.0       | 38.826 | 0.599      | 0.0        | 42.39  | 0.622      |
| 24    | 5552        | 5553      | SN   | 1    | 0.0       | 52.751 | 1.05       | 0.0        | 40.552 | 0.821      | 0.0       | 39.775 | 0.735      | 0.0        | 40.844 | 0.777      | 0.0       | 51.844 | 0.834      | 0.0        | 40.38  | 0.645      | 0.0       | 38.826 | 0.599      | 0.0        | 42.39  | 0.622      |
| 25    | 5553        | 5554      | SN   | 1    | 0.0       | 45.216 | 1.053      | 0.0        | 44.908 | 0.867      | 0.0       | 38.245 | 0.811      | 0.0        | 43.403 | 0.733      | 0.0       | 44.063 | 0.755      | 0.0        | 44.231 | 0.627      | 0.0       | 37.617 | 0.588      | 0.0        | 39.651 | 0.567      |
| 26    | 5553        | 5554      | NS   | 1    | 0.0       | 50.893 | 7.583      | 0.0        | 51.229 | 6.45       | 0.0       | 42.289 | 5.317      | 0.0        | 45.022 | 5.21       | 0.0       | 47.815 | 7.05       | 0.0        | 55.428 | 5.918      | 0.0       | 41.552 | 4.962      | 0.0        | 42.403 | 4.749      |
| 27    | 5553        | 5554      | NS   | 1    | 0.0       | 48.293 | 2.881      | 0.0        | 46.713 | 2.193      | 0.0       | 40.861 | 1.784      | 0.0        | 37.827 | 1.837      | 0.0       | 49.469 | 2.543      | 0.0        | 46.658 | 1.974      | 0.0       | 40.626 | 1.582      | 0.0        | 37.007 | 1.602      |
| 28    | 5553        | 5554      | SN   | 1    | 0.0       | 42.327 | 3.24       | 0.0        | 46.647 | 2.907      | 0.0       | 40.022 | 2.256      | 0.0        | 36.644 | 2.1        | 0.0       | 42.065 | 2.55       | 0.0        | 48.639 | 2.414      | 0.0       | 39.576 | 1.816      | 0.0        | 37.102 | 1.657      |
| 29    | 5554        | 5555      | SN   | 1    | 0.0       | 39.023 | 4.77       | 0.0        | 47.761 | 3.33       | 0.0       | 37.594 | 3.44       | 0.0        | 37.13  | 3.108      | 0.0       | 37.745 | 4.25       | 0.0        | 49.432 | 2.888      | 0.0       | 35.13  | 3.093      | 0.0        | 36.154 | 2.672      |
| 30    | 5554        | 5555      | NS   | 1    | 0.0       | 47.785 | 4.012      | 0.0        | 46.89  | 4.131      | 0.0       | 43.243 | 3.347      | 0.0        | 43.353 | 3.394      | 0.0       | 47.661 | 3.479      | 0.0        | 47.03  | 3.528      | 0.0       | 43.683 | 2.899      | 0.0        | 44.98  | 2.926      |
| 31    | 5554        | 5555      | SN   | 1    | 0.0       | 45.889 | 1.546      | 0.0        | 41.286 | 1.154      | 0.0       | 36.723 | 1.276      | 0.0        | 36.17  | 1.112      | 0.0       | 46.325 | 1.176      | 0.0        | 36.568 | 0.923      | 0.0       | 34.679 | 1.057      | 0.0        | 35.842 | 0.946      |

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







|     |      |      |    |   |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 140 | 5573 | 5574 | NS | 1 | 0.0 | 52.583 | 8.244 | 0.0 | 49.377 | 7.114 | 0.0 | 43.76  | 6.048 | 0.0 | 46.944 | 5.922 | 0.0 | 50.47  | 7.379 | 0.0 | 48.754 | 6.099 | 0.0 | 44.09  | 5.117 | 0.0 | 47.291 | 4.879 |
| 141 | 5574 | 5575 | NS | 1 | 0.0 | 50.678 | 5.237 | 0.0 | 48.317 | 4.861 | 0.0 | 42.671 | 3.729 | 0.0 | 40.709 | 3.349 | 0.0 | 50.082 | 4.292 | 0.0 | 50.938 | 4.198 | 0.0 | 41.953 | 3.303 | 0.0 | 43.739 | 2.746 |
| 142 | 5574 | 5575 | NS | 1 | 0.0 | 50.678 | 5.237 | 0.0 | 48.317 | 4.861 | 0.0 | 42.671 | 3.729 | 0.0 | 40.709 | 3.349 | 0.0 | 50.082 | 4.292 | 0.0 | 50.938 | 4.198 | 0.0 | 41.953 | 3.303 | 0.0 | 43.739 | 2.746 |
| 143 | 5574 | 5575 | NS | 1 | 0.0 | 47.283 | 1.721 | 0.0 | 41.956 | 1.632 | 0.0 | 43.014 | 1.319 | 0.0 | 37.673 | 1.23  | 0.0 | 46.919 | 1.328 | 0.0 | 43.534 | 1.294 | 0.0 | 41.638 | 1.046 | 0.0 | 37.618 | 0.995 |
| 144 | 5574 | 5575 | NS | 1 | 0.0 | 47.283 | 1.721 | 0.0 | 41.956 | 1.632 | 0.0 | 43.014 | 1.319 | 0.0 | 37.673 | 1.23  | 0.0 | 46.919 | 1.328 | 0.0 | 43.534 | 1.294 | 0.0 | 41.638 | 1.046 | 0.0 | 37.618 | 0.995 |

|                          |            |      |        |        |            |
|--------------------------|------------|------|--------|--------|------------|
| 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     | 5550        | 5551      | SN   | 1    | 0.0           | 25.738 | 8.586      | 0.0        | 26.935 | 8.65       | 0.0       | 135.09  | 2.829      | 0.0        | 67.978  | 3.171      | 0.0             | 1.868 | 0.0        | 0.0        | 1.962 | 0.0        | 0.0       | 2.04  | 0.0        | 0.0        | 2.092 | 0.0        |
| 2     | 5550        | 5551      | SN   | 1    | 0.0           | 32.5   | 15.325     | 0.0        | 25.893 | 14.308     | 0.0       | 139.651 | 11.121     | 0.0        | 15.834  | 10.421     | 0.0             | 1.874 | 0.0        | 0.0        | 1.961 | 0.0        | 0.0       | 2.046 | 0.0        | 0.0        | 2.089 | 0.0        |
| 3     | 5550        | 5551      | SN   | 1    | 0.0           | 32.5   | 15.368     | 0.0        | 25.943 | 14.884     | 0.0       | 139.651 | 11.11      | 0.0        | 54.273  | 11.252     | 0.0             | 1.874 | 0.0        | 0.0        | 1.961 | 0.0        | 0.0       | 2.046 | 0.0        | 0.0        | 2.089 | 0.0        |
| 4     | 5550        | 5551      | SN   | 1    | 0.0           | 25.738 | 8.567      | 0.0        | 26.935 | 8.471      | 0.0       | 135.09  | 2.78       | 0.0        | 13.313  | 2.843      | 0.0             | 1.867 | 0.0        | 0.0        | 1.962 | 0.0        | 0.0       | 2.039 | 0.0        | 0.0        | 2.092 | 0.0        |
| 5     | 5550        | 5551      | SN   | 1    | 0.0           | 32.5   | 15.358     | 0.0        | 25.948 | 14.892     | 0.0       | 139.932 | 11.145     | 0.0        | 54.273  | 11.266     | 0.0             | 1.873 | 0.0        | 0.0        | 1.955 | 0.0        | 0.0       | 2.046 | 0.0        | 0.0        | 2.1   | 0.0        |
| 6     | 5550        | 5551      | SN   | 1    | 0.0           | 25.738 | 8.573      | 0.0        | 26.935 | 8.654      | 0.0       | 135.399 | 2.824      | 0.0        | 67.978  | 3.178      | 0.0             | 1.868 | 0.0        | 0.0        | 1.945 | 0.0        | 0.0       | 2.04  | 0.0        | 0.0        | 2.085 | 0.0        |
| 7     | 5551        | 5552      | SN   | 1    | 0.0           | 25.739 | 8.604      | 0.0        | 26.935 | 8.661      | 0.0       | 123.023 | 2.843      | 0.0        | 65.458  | 3.195      | 0.0             | 1.869 | 0.0        | 0.0        | 1.961 | 0.0        | 0.0       | 2.04  | 0.0        | 0.0        | 2.086 | 0.0        |
| 8     | 5551        | 5552      | SN   | 1    | 0.0           | 25.739 | 8.596      | 0.0        | 26.935 | 8.624      | 0.0       | 123.023 | 2.84       | 0.0        | 16.413  | 3.09       | 0.0             | 1.868 | 0.0        | 0.0        | 1.961 | 0.0        | 0.0       | 2.04  | 0.0        | 0.0        | 2.086 | 0.0        |
| 9     | 5551        | 5552      | SN   | 1    | 0.0           | 32.5   | 15.39      | 0.0        | 25.948 | 14.914     | 0.0       | 137.544 | 11.166     | 0.0        | 58.602  | 11.259     | 0.0             | 1.873 | 0.0        | 0.0        | 1.96  | 0.0        | 0.0       | 2.046 | 0.0        | 0.0        | 2.09  | 0.0        |
| 10    | 5551        | 5552      | SN   | 1    | 0.0           | 32.5   | 15.39      | 0.0        | 25.948 | 14.914     | 0.0       | 137.544 | 11.166     | 0.0        | 58.602  | 11.259     | 0.0             | 1.873 | 0.0        | 0.0        | 1.96  | 0.0        | 0.0       | 2.046 | 0.0        | 0.0        | 2.09  | 0.0        |
| 11    | 5551        | 5552      | SN   | 1    | 0.0           | 25.739 | 8.604      | 0.0        | 26.935 | 8.661      | 0.0       | 123.023 | 2.843      | 0.0        | 65.458  | 3.195      | 0.0             | 1.869 | 0.0        | 0.0        | 1.961 | 0.0        | 0.0       | 2.04  | 0.0        | 0.0        | 2.086 | 0.0        |
| 12    | 5551        | 5552      | SN   | 1    | 0.0           | 32.5   | 15.381     | 0.0        | 25.948 | 14.74      | 0.0       | 137.544 | 11.192     | 0.0        | 21.906  | 11.015     | 0.0             | 1.872 | 0.0        | 0.0        | 1.96  | 0.0        | 0.0       | 2.046 | 0.0        | 0.0        | 2.09  | 0.0        |
| 13    | 5551        | 5552      | NS   | 1    | 0.0           | 27.206 | 10.196     | 0.0        | 26.875 | 10.212     | 0.0       | 354.772 | 5.591      | 0.0        | 118.688 | 5.039      | 0.0             | 1.957 | 0.0        | 0.0        | 1.973 | 0.0        | 0.0       | 2.112 | 0.0        | 0.0        | 2.074 | 0.0        |
| 14    | 5551        | 5552      | NS   | 1    | 0.0           | 24.52  | 13.73      | 0.0        | 32.252 | 16.218     | 0.0       | 356.503 | 13.852     | 0.0        | 80.243  | 13.419     | 0.0             | 1.951 | 0.0        | 0.0        | 1.965 | 0.0        | 0.0       | 2.112 | 0.0        | 0.0        | 2.075 | 0.0        |
| 15    | 5552        | 5553      | SN   | 1    | 0.0           | 32.527 | 15.428     | 0.0        | 25.937 | 14.937     | 0.0       | 136.425 | 11.163     | 0.0        | 59.253  | 11.316     | 0.0             | 1.873 | 0.0        | 0.0        | 1.988 | 0.0        | 0.0       | 2.047 | 0.0        | 0.0        | 2.075 | 0.0        |
| 16    | 5552        | 5553      | NS   | 1    | 0.0           | 27.205 | 10.168     | 0.0        | 26.864 | 10.179     | 0.0       | 143.878 | 5.559      | 0.0        | 141.112 | 4.985      | 0.0             | 1.957 | 0.0        | 0.0        | 1.982 | 0.0        | 0.0       | 2.111 | 0.0        | 0.0        | 2.08  | 0.0        |
| 17    | 5552        | 5553      | SN   | 1    | 0.0           | 32.527 | 15.409     | 0.0        | 25.937 | 14.807     | 0.0       | 136.425 | 11.186     | 0.0        | 25.055  | 11.145     | 0.0             | 1.873 | 0.0        | 0.0        | 1.988 | 0.0        | 0.0       | 2.047 | 0.0        | 0.0        | 2.075 | 0.0        |
| 18    | 5552        | 5553      | SN   | 1    | 0.0           | 32.527 | 15.409     | 0.0        | 25.937 | 14.807     | 0.0       | 136.425 | 11.186     | 0.0        | 25.055  | 11.145     | 0.0             | 1.873 | 0.0        | 0.0        | 1.988 | 0.0        | 0.0       | 2.047 | 0.0        | 0.0        | 2.075 | 0.0        |
| 19    | 5552        | 5553      | NS   | 1    | 0.0           | 27.205 | 10.156     | 0.0        | 26.875 | 10.201     | 0.0       | 355.56  | 5.548      | 0.0        | 114.034 | 4.992      | 0.0             | 1.958 | 0.0        | 0.0        | 1.982 | 0.0        | 0.0       | 2.111 | 0.0        | 0.0        | 2.074 | 0.0        |
| 20    | 5552        | 5553      | SN   | 1    | 0.0           | 25.744 | 8.623      | 0.0        | 26.93  | 8.672      | 0.0       | 131.996 | 2.868      | 0.0        | 47.947  | 3.211      | 0.0             | 1.87  | 0.0        | 0.0        | 1.946 | 0.0        | 0.0       | 2.042 | 0.0        | 0.0        | 2.098 | 0.0        |
| 21    | 5552        | 5553      | NS   | 1    | 0.0           | 24.52  | 13.738     | 0.0        | 32.296 | 16.096     | 0.0       | 145.318 | 13.724     | 0.0        | 78.798  | 13.334     | 0.0             | 1.951 | 0.0        | 0.0        | 1.981 | 0.0        | 0.0       | 2.111 | 0.0        | 0.0        | 2.074 | 0.0        |
| 22    | 5552        | 5553      | NS   | 1    | 0.0           | 24.52  | 13.806     | 0.0        | 32.241 | 16.086     | 0.0       | 149.47  | 13.707     | 0.0        | 73.515  | 13.346     | 0.0             | 1.946 | 0.0        | 0.0        | 1.928 | 0.0        | 0.0       | 2.11  | 0.0        | 0.0        | 2.08  | 0.0        |
| 23    | 5552        | 5553      | SN   | 1    | 0.0           | 25.744 | 8.615      | 0.0        | 26.93  | 8.636      | 0.0       | 131.996 | 2.862      | 0.0        | 16.859  | 3.125      | 0.0             | 1.869 | 0.0        | 0.0        | 1.946 | 0.0        | 0.0       | 2.042 | 0.0        | 0.0        | 2.098 | 0.0        |
| 24    | 5552        | 5553      | SN   | 1    | 0.0           | 25.744 | 8.615      | 0.0        | 26.93  | 8.636      | 0.0       | 131.996 | 2.862      | 0.0        | 16.859  | 3.125      | 0.0             | 1.869 | 0.0        | 0.0        | 1.946 | 0.0        | 0.0       | 2.042 | 0.0        | 0.0        | 2.098 | 0.0        |
| 25    | 5553        | 5554      | SN   | 1    | 0.0           | 25.755 | 8.657      | 0.0        | 26.93  | 8.707      | 0.0       | 130.176 | 2.826      | 0.0        | 74.254  | 3.251      | 0.0             | 1.869 | 0.0        | 0.0        | 1.947 | 0.0        | 0.0       | 2.042 | 0.0        | 0.0        | 2.112 | 0.0        |
| 26    | 5553        | 5554      | NS   | 1    | 0.0           | 24.536 | 13.819     | 0.0        | 32.246 | 16.116     | 0.0       | 164.637 | 13.748     | 0.0        | 74.568  | 13.331     | 0.0             | 1.945 | 0.0        | 0.0        | 1.952 | 0.0        | 0.0       | 2.11  | 0.0        | 0.0        | 2.075 | 0.0        |
| 27    | 5553        | 5554      | NS   | 1    | 0.0           | 27.211 | 10.158     | 0.0        | 26.875 | 10.19      | 0.0       | 354.419 | 5.554      | 0.0        | 69.831  | 5.023      | 0.0             | 1.958 | 0.0        | 0.0        | 1.975 | 0.0        | 0.0       | 2.11  | 0.0        | 0.0        | 2.074 | 0.0        |
| 28    | 5553        | 5554      | SN   | 1    | 0.0           | 32.643 | 15.348     | 0.0        | 25.948 | 14.909     | 0.0       | 134.693 | 11.264     | 0.0        | 59.568  | 11.423     | 0.0             | 1.873 | 0.0        | 0.0        | 1.958 | 0.0        | 0.0       | 2.045 | 0.0        | 0.0        | 2.096 | 0.0        |
| 29    | 5554        | 5555      | SN   | 1    | 0.0           | 32.583 | 15.348     | 0.0        | 25.948 | 14.931     | 0.0       | 160.007 | 11.221     | 0.0        | 56.689  | 11.409     | 0.0             | 1.873 | 0.0        | 0.0        | 1.96  | 0.0        | 0.0       | 2.045 | 0.0        | 0.0        | 2.097 | 0.0        |
| 30    | 5554        | 5555      | NS   | 1    | 0.0           | 24.547 | 13.717     | 0.0        | 32.605 | 16.05      | 0.0       | 352.163 | 13.799     | 0.0        | 75.837  | 13.286     | 0.0             | 1.944 | 0.0        | 0.0        | 1.949 | 0.0        | 0.0       | 2.11  | 0.0        | 0.0        | 2.074 | 0.0        |
| 31    | 5554        | 5555      | SN   | 1    | 0.0           | 25.744 | 8.657      | 0.0        | 26.924 | 8.712      | 0.0       | 160.007 | 2.837      | 0.0        | 83.028  | 3.256      | 0.0             | 1.871 | 0.0        | 0.0        | 1.947 | 0.0        | 0.0       | 2.042 | 0.0        | 0.0        | 2.111 | 0.0        |

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

|    |      |      |    |   |     |        |        |     |        |        |     |         |        |          |           |        |     |       |     |     |       |     |     |       |     |          |           |     |
|----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|----------|-----------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|----------|-----------|-----|
| 32 | 5554 | 5555 | NS | 1 | 0.0 | 27.2   | 10.152 | 0.0 | 26.869 | 10.182 | 0.0 | 353.564 | 5.502  | 0.0      | 120.718   | 5.013  | 0.0 | 1.957 | 0.0 | 0.0 | 1.965 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.074     | 0.0 |
| 33 | 5555 | 5556 | NS | 1 | 0.0 | 24.542 | 13.757 | 0.0 | 32.599 | 16.082 | 0.0 | 171.999 | 13.813 | 0.0      | 77.282    | 13.308 | 0.0 | 1.944 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.074     | 0.0 |
| 34 | 5555 | 5556 | NS | 1 | 0.0 | 27.194 | 10.164 | 0.0 | 26.864 | 10.213 | 0.0 | 160.214 | 5.53   | 0.0      | 121.926   | 5.003  | 0.0 | 1.957 | 0.0 | 0.0 | 1.964 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.074     | 0.0 |
| 35 | 5555 | 5556 | SN | 1 | 0.0 | 32.489 | 15.347 | 0.0 | 25.948 | 14.897 | 0.0 | 138.961 | 11.199 | 0.0      | 31.259    | 11.352 | 0.0 | 1.873 | 0.0 | 0.0 | 1.959 | 0.0 | 0.0 | 2.045 | 0.0 | 0.0      | 2.097     | 0.0 |
| 36 | 5555 | 5556 | SN | 1 | 0.0 | 25.75  | 8.674  | 0.0 | 26.93  | 8.708  | 0.0 | 138.961 | 2.817  | 0.0      | 21.696    | 3.217  | 0.0 | 1.871 | 0.0 | 0.0 | 1.947 | 0.0 | 0.0 | 2.041 | 0.0 | 0.0      | 2.111     | 0.0 |
| 37 | 5557 | 5558 | SN | 1 | 0.0 | 16.821 | 4.084  | 0.0 | 12.166 | 26.316 | 0.0 | 11.548  | 0.644  | 3.226    | 3.226     | 0.0    | 0.0 | 1.871 | 0.0 | 0.0 | 0.704 | 0.0 | 0.0 | 2.042 | 0.0 | 0.001    | 0.001     | 0.0 |
| 38 | 5557 | 5558 | NS | 1 | 0.0 | 24.525 | 13.777 | 0.0 | 32.538 | 16.09  | 0.0 | 354.965 | 13.77  | 0.0      | 81.297    | 13.301 | 0.0 | 1.944 | 0.0 | 0.0 | 1.905 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.074     | 0.0 |
| 39 | 5557 | 5558 | SN | 1 | 0.0 | 37.447 | 15.302 | 0.0 | 25.948 | 14.882 | 0.0 | 141.57  | 11.195 | 0.0      | 41.004    | 11.334 | 0.0 | 1.874 | 0.0 | 0.0 | 1.96  | 0.0 | 0.0 | 2.047 | 0.0 | 0.0      | 2.068     | 0.0 |
| 40 | 5557 | 5558 | SN | 1 | 0.0 | 17.709 | 7.619  | 0.0 | 10.026 | 12.5   | 0.0 | 13.892  | 2.053  | 100000.0 | -100000.0 | 0.0    | 0.0 | 1.873 | 0.0 | 0.0 | 0.487 | 0.0 | 0.0 | 2.043 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 41 | 5557 | 5558 | SN | 1 | 0.0 | 25.766 | 8.639  | 0.0 | 26.935 | 8.702  | 0.0 | 138.531 | 2.85   | 0.0      | 53.788    | 3.253  | 0.0 | 1.871 | 0.0 | 0.0 | 1.947 | 0.0 | 0.0 | 2.042 | 0.0 | 0.0      | 2.101     | 0.0 |
| 42 | 5557 | 5558 | NS | 1 | 0.0 | 27.2   | 10.143 | 0.0 | 26.869 | 10.21  | 0.0 | 356.636 | 5.594  | 0.0      | 81.401    | 5.018  | 0.0 | 1.958 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.075     | 0.0 |
| 43 | 5557 | 5558 | NS | 1 | 0.0 | 24.997 | 17.252 | 0.0 | 21.486 | 8.398  | 0.0 | 356.636 | 13.825 | 0.0      | 14.074    | 4.28   | 0.0 | 1.929 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.078 | 0.0 | 0.0      | 2.075     | 0.0 |
| 44 | 5557 | 5558 | NS | 1 | 0.0 | 24.525 | 28.497 | 0.0 | 25.314 | 11.917 | 0.0 | 354.965 | 37.332 | 0.0      | 14.157    | 9.593  | 0.0 | 1.934 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.081 | 0.0 | 0.0      | 2.074     | 0.0 |
| 45 | 5558 | 5559 | NS | 1 | 0.0 | 24.536 | 13.738 | 0.0 | 32.263 | 16.064 | 0.0 | 356.371 | 13.781 | 0.0      | 77.8      | 13.256 | 0.0 | 1.942 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0      | 2.074     | 0.0 |
| 46 | 5558 | 5559 | SN | 1 | 0.0 | 32.671 | 15.448 | 0.0 | 25.948 | 14.927 | 0.0 | 142.601 | 11.106 | 0.0      | 50.065    | 11.366 | 0.0 | 1.873 | 0.0 | 0.0 | 1.966 | 0.0 | 0.0 | 2.046 | 0.0 | 0.0      | 2.08      | 0.0 |
| 47 | 5558 | 5559 | SN | 1 | 0.0 | 25.738 | 8.627  | 0.0 | 26.93  | 8.684  | 0.0 | 138.289 | 2.81   | 0.0      | 67.228    | 3.237  | 0.0 | 1.869 | 0.0 | 0.0 | 1.946 | 0.0 | 0.0 | 2.042 | 0.0 | 0.0      | 2.093     | 0.0 |
| 48 | 5558 | 5559 | NS | 1 | 0.0 | 27.194 | 10.145 | 0.0 | 26.875 | 10.228 | 0.0 | 354.551 | 5.581  | 0.0      | 72.373    | 4.988  | 0.0 | 1.957 | 0.0 | 0.0 | 1.949 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0      | 2.074     | 0.0 |
| 49 | 5558 | 5559 | NS | 1 | 0.0 | 27.194 | 10.154 | 0.0 | 26.875 | 10.226 | 0.0 | 354.551 | 5.574  | 0.0      | 72.351    | 4.986  | 0.0 | 1.957 | 0.0 | 0.0 | 1.949 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0      | 2.074     | 0.0 |
| 50 | 5558 | 5559 | NS | 1 | 0.0 | 24.536 | 13.748 | 0.0 | 32.263 | 16.064 | 0.0 | 356.377 | 13.795 | 0.0      | 77.778    | 13.284 | 0.0 | 1.942 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0      | 2.074     | 0.0 |
| 51 | 5559 | 5560 | NS | 1 | 0.0 | 27.205 | 10.116 | 0.0 | 26.869 | 10.206 | 0.0 | 354.65  | 5.524  | 0.0      | 135.333   | 4.99   | 0.0 | 1.958 | 0.0 | 0.0 | 1.954 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.074     | 0.0 |
| 52 | 5559 | 5560 | SN | 1 | 0.0 | 25.761 | 8.616  | 0.0 | 26.935 | 8.684  | 0.0 | 136.91  | 2.815  | 0.0      | 68.121    | 3.237  | 0.0 | 1.869 | 0.0 | 0.0 | 1.947 | 0.0 | 0.0 | 2.042 | 0.0 | 0.0      | 2.098     | 0.0 |
| 53 | 5559 | 5560 | NS | 1 | 0.0 | 24.547 | 13.816 | 0.0 | 32.318 | 16.024 | 0.0 | 356.421 | 13.693 | 0.0      | 73.962    | 13.246 | 0.0 | 1.946 | 0.0 | 0.0 | 1.964 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.075     | 0.0 |
| 54 | 5559 | 5560 | SN | 1 | 0.0 | 32.676 | 15.428 | 0.0 | 25.943 | 14.895 | 0.0 | 141.256 | 11.17  | 0.0      | 57.874    | 11.337 | 0.0 | 1.873 | 0.0 | 0.0 | 1.967 | 0.0 | 0.0 | 2.047 | 0.0 | 0.0      | 2.081     | 0.0 |
| 55 | 5560 | 5561 | NS | 1 | 0.0 | 24.542 | 13.816 | 0.0 | 32.268 | 16.044 | 0.0 | 356.526 | 13.714 | 0.0      | 74.822    | 13.218 | 0.0 | 1.947 | 0.0 | 0.0 | 1.951 | 0.0 | 0.0 | 2.112 | 0.0 | 0.0      | 2.075     | 0.0 |
| 56 | 5560 | 5561 | NS | 1 | 0.0 | 27.189 | 10.089 | 0.0 | 26.88  | 10.213 | 0.0 | 356.526 | 5.504  | 0.0      | 144.51    | 4.988  | 0.0 | 1.958 | 0.0 | 0.0 | 1.944 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.074     | 0.0 |
| 57 | 5565 | 5566 | SN | 1 | 0.0 | 25.733 | 8.627  | 0.0 | 26.919 | 8.7    | 0.0 | 132.73  | 2.847  | 0.0      | 66.02     | 3.261  | 0.0 | 1.871 | 0.0 | 0.0 | 1.951 | 0.0 | 0.0 | 2.041 | 0.0 | 0.0      | 2.101     | 0.0 |
| 58 | 5565 | 5566 | SN | 1 | 0.0 | 25.733 | 8.627  | 0.0 | 26.919 | 8.7    | 0.0 | 132.73  | 2.847  | 0.0      | 66.02     | 3.261  | 0.0 | 1.871 | 0.0 | 0.0 | 1.951 | 0.0 | 0.0 | 2.041 | 0.0 | 0.0      | 2.101     | 0.0 |
| 59 | 5565 | 5566 | SN | 1 | 0.0 | 32.616 | 15.429 | 0.0 | 25.954 | 14.627 | 0.0 | 121.81  | 11.331 | 0.0      | 19.54     | 10.968 | 0.0 | 1.875 | 0.0 | 0.0 | 1.979 | 0.0 | 0.0 | 2.045 | 0.0 | 0.0      | 2.068     | 0.0 |
| 60 | 5565 | 5566 | SN | 1 | 0.0 | 32.616 | 15.438 | 0.0 | 25.954 | 14.933 | 0.0 | 121.81  | 11.311 | 0.0      | 37.844    | 11.356 | 0.0 | 1.875 | 0.0 | 0.0 | 1.979 | 0.0 | 0.0 | 2.045 | 0.0 | 0.0      | 2.068     | 0.0 |
| 61 | 5565 | 5566 | NS | 1 | 0.0 | 24.525 | 13.747 | 0.0 | 32.268 | 16.111 | 0.0 | 354.893 | 13.777 | 0.0      | 65.502    | 13.215 | 0.0 | 1.941 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.074     | 0.0 |
| 62 | 5565 | 5566 | NS | 1 | 0.0 | 24.525 | 13.747 | 0.0 | 32.268 | 16.111 | 0.0 | 354.893 | 13.777 | 0.0      | 65.502    | 13.215 | 0.0 | 1.941 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.074     | 0.0 |
| 63 | 5565 | 5566 | SN | 1 | 0.0 | 32.616 | 15.438 | 0.0 | 25.954 | 14.933 | 0.0 | 121.81  | 11.311 | 0.0      | 37.844    | 11.356 | 0.0 | 1.875 | 0.0 | 0.0 | 1.979 | 0.0 | 0.0 | 2.045 | 0.0 | 0.0      | 2.068     | 0.0 |
| 64 | 5565 | 5566 | NS | 1 | 0.0 | 27.194 | 10.119 | 0.0 | 26.875 | 10.208 | 0.0 | 356.597 | 5.527  | 0.0      | 138.162   | 5.009  | 0.0 | 1.956 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.074     | 0.0 |
| 65 | 5565 | 5566 | NS | 1 | 0.0 | 27.194 | 10.119 | 0.0 | 26.875 | 10.208 | 0.0 | 356.597 | 5.527  | 0.0      | 138.162   | 5.009  | 0.0 | 1.956 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0      | 2.074     | 0.0 |
| 66 | 5565 | 5566 | SN | 1 | 0.0 | 25.733 | 8.619  | 0.0 | 26.919 | 8.633  | 0.0 | 132.73  | 2.834  | 0.0      | 14.802    | 3.098  | 0.0 | 1.869 | 0.0 | 0.0 | 1.951 | 0.0 | 0.0 | 2.041 | 0.0 | 0.0      | 2.101     | 0.0 |
| 67 | 5566 | 5567 | NS | 1 | 0.0 | 27.194 | 10.103 | 0.0 | 26.858 | 10.198 | 0.0 | 356.663 | 5.481  | 0.0      | 131.891   | 4.927  | 0.0 | 1.957 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.109 | 0.0 | 0.0      | 2.074     | 0.0 |
| 68 | 5566 | 5567 | SN | 1 | 0.0 | 37.072 | 15.454 | 0.0 | 25.954 | 14.794 | 0.0 | 120.128 | 11.361 | 0.0      | 24.244    | 11.186 | 0.0 | 1.875 | 0.0 | 0.0 | 1.978 | 0.0 | 0.0 | 2.046 | 0.0 | 0.0      | 2.069     | 0.0 |

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



|     |      |      |    |   |     |        |        |     |        |        |     |         |        |     |         |        |     |       |     |     |       |     |     |       |     |     |       |     |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69  | 5566 | 5567 | SN | 1 | 0.0 | 37.072 | 15.454 | 0.0 | 25.954 | 14.794 | 0.0 | 120.128 | 11.361 | 0.0 | 24.244  | 11.186 | 0.0 | 1.875 | 0.0 | 0.0 | 1.978 | 0.0 | 0.0 | 2.046 | 0.0 | 0.0 | 2.069 | 0.0 |
| 70  | 5566 | 5567 | SN | 1 | 0.0 | 37.072 | 15.462 | 0.0 | 25.948 | 14.934 | 0.0 | 120.128 | 11.342 | 0.0 | 39.256  | 11.356 | 0.0 | 1.875 | 0.0 | 0.0 | 1.978 | 0.0 | 0.0 | 2.046 | 0.0 | 0.0 | 2.069 | 0.0 |
| 71  | 5566 | 5567 | NS | 1 | 0.0 | 24.547 | 13.734 | 0.0 | 32.296 | 16.017 | 0.0 | 355.02  | 13.723 | 0.0 | 81.622  | 13.265 | 0.0 | 1.945 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.074 | 0.0 |
| 72  | 5566 | 5567 | NS | 1 | 0.0 | 24.52  | 13.74  | 0.0 | 32.285 | 16.015 | 0.0 | 356.867 | 13.693 | 0.0 | 76.449  | 13.219 | 0.0 | 1.942 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.074 | 0.0 |
| 73  | 5566 | 5567 | SN | 1 | 0.0 | 25.755 | 8.663  | 0.0 | 26.908 | 8.666  | 0.0 | 125.4   | 2.844  | 0.0 | 16.551  | 3.192  | 0.0 | 1.87  | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 74  | 5566 | 5567 | SN | 1 | 0.0 | 25.755 | 8.663  | 0.0 | 26.908 | 8.666  | 0.0 | 125.4   | 2.844  | 0.0 | 16.551  | 3.192  | 0.0 | 1.87  | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 75  | 5566 | 5567 | SN | 1 | 0.0 | 25.755 | 8.666  | 0.0 | 26.908 | 8.688  | 0.0 | 125.4   | 2.851  | 0.0 | 54.168  | 3.273  | 0.0 | 1.871 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 76  | 5566 | 5567 | NS | 1 | 0.0 | 27.194 | 10.087 | 0.0 | 26.869 | 10.189 | 0.0 | 354.424 | 5.474  | 0.0 | 139.088 | 4.91   | 0.0 | 1.957 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.109 | 0.0 | 0.0 | 2.074 | 0.0 |
| 77  | 5567 | 5568 | SN | 1 | 0.0 | 25.755 | 8.671  | 0.0 | 26.919 | 8.718  | 0.0 | 140.246 | 2.845  | 0.0 | 69.417  | 3.3    | 0.0 | 1.871 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 78  | 5567 | 5568 | SN | 1 | 0.0 | 32.583 | 15.5   | 0.0 | 25.959 | 14.887 | 0.0 | 136.138 | 11.363 | 0.0 | 57.18   | 11.409 | 0.0 | 1.874 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.048 | 0.0 | 0.0 | 2.067 | 0.0 |
| 79  | 5567 | 5568 | SN | 1 | 0.0 | 25.755 | 8.666  | 0.0 | 26.919 | 8.672  | 0.0 | 140.246 | 2.831  | 0.0 | 15.459  | 3.184  | 0.0 | 1.87  | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 80  | 5567 | 5568 | SN | 1 | 0.0 | 25.755 | 8.671  | 0.0 | 26.919 | 8.718  | 0.0 | 140.246 | 2.845  | 0.0 | 69.417  | 3.3    | 0.0 | 1.871 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 81  | 5567 | 5568 | NS | 1 | 0.0 | 27.2   | 10.061 | 0.0 | 26.864 | 10.19  | 0.0 | 354.678 | 5.4    | 0.0 | 72.064  | 4.933  | 0.0 | 1.956 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.074 | 0.0 |
| 82  | 5567 | 5568 | NS | 1 | 0.0 | 24.52  | 13.73  | 0.0 | 32.318 | 15.992 | 0.0 | 356.459 | 13.718 | 0.0 | 77.596  | 13.213 | 0.0 | 1.941 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.074 | 0.0 |
| 83  | 5567 | 5568 | SN | 1 | 0.0 | 32.583 | 15.497 | 0.0 | 25.959 | 14.679 | 0.0 | 136.138 | 11.38  | 0.0 | 22.463  | 11.109 | 0.0 | 1.874 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.048 | 0.0 | 0.0 | 2.067 | 0.0 |
| 84  | 5567 | 5568 | SN | 1 | 0.0 | 32.583 | 15.5   | 0.0 | 25.959 | 14.887 | 0.0 | 136.138 | 11.363 | 0.0 | 57.18   | 11.409 | 0.0 | 1.874 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.048 | 0.0 | 0.0 | 2.067 | 0.0 |
| 85  | 5568 | 5569 | NS | 1 | 0.0 | 27.183 | 10.016 | 0.0 | 26.858 | 10.178 | 0.0 | 355.312 | 5.372  | 0.0 | 116.229 | 4.95   | 0.0 | 1.956 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.074 | 0.0 |
| 86  | 5568 | 5569 | SN | 1 | 0.0 | 32.649 | 15.452 | 0.0 | 25.954 | 14.908 | 0.0 | 134.053 | 11.349 | 0.0 | 57.896  | 11.43  | 0.0 | 1.874 | 0.0 | 0.0 | 1.949 | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.068 | 0.0 |
| 87  | 5568 | 5569 | NS | 1 | 0.0 | 24.525 | 13.774 | 0.0 | 32.246 | 15.97  | 0.0 | 356.564 | 13.673 | 0.0 | 74.066  | 13.331 | 0.0 | 1.945 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.112 | 0.0 | 0.0 | 2.074 | 0.0 |
| 88  | 5568 | 5569 | NS | 1 | 0.0 | 24.531 | 13.748 | 0.0 | 32.318 | 16.01  | 0.0 | 354.849 | 13.711 | 0.0 | 78.92   | 13.256 | 0.0 | 1.951 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.074 | 0.0 |
| 89  | 5568 | 5569 | SN | 1 | 0.0 | 25.761 | 8.673  | 0.0 | 26.913 | 8.745  | 0.0 | 128.83  | 2.843  | 0.0 | 69.301  | 3.334  | 0.0 | 1.871 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 90  | 5568 | 5569 | SN | 1 | 0.0 | 32.649 | 15.452 | 0.0 | 25.954 | 14.908 | 0.0 | 134.053 | 11.349 | 0.0 | 57.896  | 11.43  | 0.0 | 1.874 | 0.0 | 0.0 | 1.949 | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.068 | 0.0 |
| 91  | 5568 | 5569 | NS | 1 | 0.0 | 27.183 | 10.027 | 0.0 | 26.858 | 10.176 | 0.0 | 355.356 | 5.377  | 0.0 | 135.84  | 4.962  | 0.0 | 1.956 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.074 | 0.0 |
| 92  | 5568 | 5569 | SN | 1 | 0.0 | 25.761 | 8.673  | 0.0 | 26.913 | 8.745  | 0.0 | 128.83  | 2.843  | 0.0 | 69.301  | 3.334  | 0.0 | 1.871 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 93  | 5569 | 5570 | SN | 1 | 0.0 | 25.766 | 8.689  | 0.0 | 26.919 | 8.738  | 0.0 | 151.696 | 2.829  | 0.0 | 63.312  | 3.329  | 0.0 | 1.872 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 94  | 5569 | 5570 | SN | 1 | 0.0 | 25.766 | 8.684  | 0.0 | 26.919 | 8.605  | 0.0 | 151.696 | 2.786  | 0.0 | 13.898  | 3.108  | 0.0 | 1.87  | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 95  | 5569 | 5570 | SN | 1 | 0.0 | 32.643 | 15.452 | 0.0 | 25.965 | 14.868 | 0.0 | 151.894 | 11.406 | 0.0 | 43.304  | 11.445 | 0.0 | 1.874 | 0.0 | 0.0 | 1.948 | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.088 | 0.0 |
| 96  | 5569 | 5570 | NS | 1 | 0.0 | 27.194 | 10.036 | 0.0 | 26.853 | 10.174 | 0.0 | 354.198 | 5.377  | 0.0 | 145.971 | 4.965  | 0.0 | 1.957 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.074 | 0.0 |
| 97  | 5569 | 5570 | NS | 1 | 0.0 | 27.194 | 10.036 | 0.0 | 26.853 | 10.174 | 0.0 | 354.198 | 5.377  | 0.0 | 145.971 | 4.965  | 0.0 | 1.957 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.074 | 0.0 |
| 98  | 5569 | 5570 | NS | 1 | 0.0 | 24.52  | 13.794 | 0.0 | 32.213 | 15.97  | 0.0 | 171.354 | 13.658 | 0.0 | 75.484  | 13.324 | 0.0 | 1.945 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.075 | 0.0 |
| 99  | 5569 | 5570 | NS | 1 | 0.0 | 24.52  | 13.794 | 0.0 | 32.213 | 15.97  | 0.0 | 171.354 | 13.658 | 0.0 | 75.484  | 13.324 | 0.0 | 1.945 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.075 | 0.0 |
| 100 | 5569 | 5570 | SN | 1 | 0.0 | 32.643 | 15.433 | 0.0 | 25.943 | 14.382 | 0.0 | 151.696 | 11.354 | 0.0 | 16.793  | 10.835 | 0.0 | 1.874 | 0.0 | 0.0 | 1.949 | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.068 | 0.0 |
| 101 | 5569 | 5570 | SN | 1 | 0.0 | 25.766 | 8.68   | 0.0 | 26.919 | 8.727  | 0.0 | 151.894 | 2.832  | 0.0 | 63.312  | 3.311  | 0.0 | 1.872 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.102 | 0.0 |
| 102 | 5569 | 5570 | SN | 1 | 0.0 | 32.643 | 15.432 | 0.0 | 25.959 | 14.878 | 0.0 | 151.696 | 11.363 | 0.0 | 43.304  | 11.48  | 0.0 | 1.874 | 0.0 | 0.0 | 1.949 | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.068 | 0.0 |
| 103 | 5570 | 5571 | SN | 1 | 0.0 | 32.583 | 15.448 | 0.0 | 25.959 | 14.961 | 0.0 | 139.916 | 11.333 | 0.0 | 54.455  | 11.538 | 0.0 | 1.874 | 0.0 | 0.0 | 1.98  | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.093 | 0.0 |
| 104 | 5570 | 5571 | NS | 1 | 0.0 | 24.531 | 13.786 | 0.0 | 32.186 | 15.96  | 0.0 | 148.803 | 13.728 | 0.0 | 74.127  | 13.324 | 0.0 | 1.945 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.074 | 0.0 |
| 105 | 5570 | 5571 | NS | 1 | 0.0 | 24.531 | 13.786 | 0.0 | 32.18  | 15.94  | 0.0 | 148.935 | 13.707 | 0.0 | 73.989  | 13.31  | 0.0 | 1.947 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.112 | 0.0 | 0.0 | 2.074 | 0.0 |

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

|     |      |      |    |   |     |        |        |     |        |        |     |         |        |     |         |        |     |       |     |     |       |     |     |       |     |     |       |     |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 5570 | 5571 | SN | 1 | 0.0 | 25.744 | 8.679  | 0.0 | 26.913 | 8.55   | 0.0 | 139.916 | 2.778  | 0.0 | 13.898  | 3.011  | 0.0 | 1.87  | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.044 | 0.0 | 0.0 | 2.114 | 0.0 |
| 107 | 5570 | 5571 | SN | 1 | 0.0 | 25.744 | 8.697  | 0.0 | 26.913 | 8.748  | 0.0 | 139.916 | 2.847  | 0.0 | 63.935  | 3.351  | 0.0 | 1.871 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.044 | 0.0 | 0.0 | 2.114 | 0.0 |
| 108 | 5570 | 5571 | SN | 1 | 0.0 | 25.744 | 8.697  | 0.0 | 26.913 | 8.748  | 0.0 | 139.916 | 2.847  | 0.0 | 63.935  | 3.351  | 0.0 | 1.871 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.044 | 0.0 | 0.0 | 2.114 | 0.0 |
| 109 | 5570 | 5571 | SN | 1 | 0.0 | 32.583 | 15.445 | 0.0 | 25.391 | 14.413 | 0.0 | 139.916 | 11.305 | 0.0 | 15.641  | 10.704 | 0.0 | 1.874 | 0.0 | 0.0 | 1.98  | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.093 | 0.0 |
| 110 | 5570 | 5571 | NS | 1 | 0.0 | 27.211 | 10.039 | 0.0 | 26.853 | 10.183 | 0.0 | 354.441 | 5.356  | 0.0 | 67.972  | 4.959  | 0.0 | 1.957 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.074 | 0.0 |
| 111 | 5570 | 5571 | NS | 1 | 0.0 | 27.211 | 10.017 | 0.0 | 26.853 | 10.18  | 0.0 | 354.419 | 5.352  | 0.0 | 69.29   | 4.966  | 0.0 | 1.958 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.074 | 0.0 |
| 112 | 5570 | 5571 | SN | 1 | 0.0 | 32.583 | 15.448 | 0.0 | 25.959 | 14.961 | 0.0 | 139.916 | 11.333 | 0.0 | 54.455  | 11.538 | 0.0 | 1.874 | 0.0 | 0.0 | 1.98  | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.093 | 0.0 |
| 113 | 5571 | 5572 | NS | 1 | 0.0 | 27.206 | 10.04  | 0.0 | 26.858 | 10.195 | 0.0 | 352.119 | 5.387  | 0.0 | 159.064 | 4.965  | 0.0 | 1.957 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.073 | 0.0 |
| 114 | 5571 | 5572 | NS | 1 | 0.0 | 27.206 | 10.037 | 0.0 | 26.853 | 10.174 | 0.0 | 141.529 | 5.396  | 0.0 | 70.73   | 4.968  | 0.0 | 1.957 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.074 | 0.0 |
| 115 | 5571 | 5572 | SN | 1 | 0.0 | 32.621 | 15.459 | 0.0 | 24.305 | 14.255 | 0.0 | 127.214 | 11.35  | 0.0 | 14.835  | 10.424 | 0.0 | 1.874 | 0.0 | 0.0 | 1.974 | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.098 | 0.0 |
| 116 | 5571 | 5572 | NS | 1 | 0.0 | 24.52  | 13.734 | 0.0 | 32.323 | 15.98  | 0.0 | 352.875 | 13.752 | 0.0 | 75.969  | 13.279 | 0.0 | 1.946 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.073 | 0.0 |
| 117 | 5571 | 5572 | SN | 1 | 0.0 | 32.621 | 15.448 | 0.0 | 25.954 | 14.941 | 0.0 | 127.214 | 11.382 | 0.0 | 55.542  | 11.524 | 0.0 | 1.874 | 0.0 | 0.0 | 1.974 | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.098 | 0.0 |
| 118 | 5571 | 5572 | SN | 1 | 0.0 | 25.755 | 8.695  | 0.0 | 26.919 | 8.734  | 0.0 | 136.408 | 2.837  | 0.0 | 74.21   | 3.33   | 0.0 | 1.872 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.044 | 0.0 | 0.0 | 2.114 | 0.0 |
| 119 | 5571 | 5572 | SN | 1 | 0.0 | 25.755 | 8.695  | 0.0 | 26.919 | 8.734  | 0.0 | 136.408 | 2.837  | 0.0 | 74.21   | 3.33   | 0.0 | 1.872 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.044 | 0.0 | 0.0 | 2.114 | 0.0 |
| 120 | 5571 | 5572 | NS | 1 | 0.0 | 24.52  | 13.756 | 0.0 | 32.219 | 15.982 | 0.0 | 355.825 | 13.714 | 0.0 | 76.041  | 13.296 | 0.0 | 1.944 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.074 | 0.0 |
| 121 | 5571 | 5572 | SN | 1 | 0.0 | 32.621 | 15.448 | 0.0 | 25.954 | 14.941 | 0.0 | 127.214 | 11.382 | 0.0 | 55.542  | 11.524 | 0.0 | 1.874 | 0.0 | 0.0 | 1.974 | 0.0 | 0.0 | 2.047 | 0.0 | 0.0 | 2.098 | 0.0 |
| 122 | 5571 | 5572 | SN | 1 | 0.0 | 25.755 | 8.676  | 0.0 | 26.919 | 8.465  | 0.0 | 136.408 | 2.731  | 0.0 | 13.269  | 2.871  | 0.0 | 1.871 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.044 | 0.0 | 0.0 | 2.114 | 0.0 |
| 123 | 5572 | 5573 | SN | 1 | 0.0 | 25.755 | 8.602  | 0.0 | 26.924 | 8.388  | 0.0 | 133.391 | 2.676  | 0.0 | 13.264  | 2.8    | 0.0 | 1.871 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.114 | 0.0 |
| 124 | 5572 | 5573 | NS | 1 | 0.0 | 27.205 | 10.047 | 0.0 | 26.869 | 10.193 | 0.0 | 142.566 | 5.416  | 0.0 | 151.629 | 4.99   | 0.0 | 1.959 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.074 | 0.0 |
| 125 | 5572 | 5573 | SN | 1 | 0.0 | 32.732 | 15.435 | 0.0 | 25.959 | 14.961 | 0.0 | 133.391 | 11.348 | 0.0 | 43.177  | 11.502 | 0.0 | 1.875 | 0.0 | 0.0 | 1.949 | 0.0 | 0.0 | 2.046 | 0.0 | 0.0 | 2.112 | 0.0 |
| 126 | 5572 | 5573 | SN | 1 | 0.0 | 32.732 | 15.435 | 0.0 | 25.959 | 14.961 | 0.0 | 133.391 | 11.348 | 0.0 | 43.177  | 11.502 | 0.0 | 1.875 | 0.0 | 0.0 | 1.949 | 0.0 | 0.0 | 2.046 | 0.0 | 0.0 | 2.112 | 0.0 |
| 127 | 5572 | 5573 | NS | 1 | 0.0 | 24.525 | 13.733 | 0.0 | 32.329 | 16.029 | 0.0 | 152.63  | 13.673 | 0.0 | 77.795  | 13.272 | 0.0 | 1.943 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.074 | 0.0 |
| 128 | 5572 | 5573 | SN | 1 | 0.0 | 25.755 | 8.677  | 0.0 | 26.924 | 8.718  | 0.0 | 133.391 | 2.812  | 0.0 | 58.972  | 3.325  | 0.0 | 1.872 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.044 | 0.0 | 0.0 | 2.114 | 0.0 |
| 129 | 5572 | 5573 | SN | 1 | 0.0 | 25.755 | 8.677  | 0.0 | 26.924 | 8.718  | 0.0 | 133.391 | 2.812  | 0.0 | 58.972  | 3.325  | 0.0 | 1.872 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.044 | 0.0 | 0.0 | 2.114 | 0.0 |
| 130 | 5572 | 5573 | NS | 1 | 0.0 | 27.205 | 10.042 | 0.0 | 26.864 | 10.183 | 0.0 | 355.4   | 5.4    | 0.0 | 152.264 | 4.984  | 0.0 | 1.957 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.074 | 0.0 |
| 131 | 5572 | 5573 | SN | 1 | 0.0 | 32.732 | 15.417 | 0.0 | 24.012 | 14.112 | 0.0 | 133.391 | 11.322 | 0.0 | 14.758  | 10.006 | 0.0 | 1.875 | 0.0 | 0.0 | 1.95  | 0.0 | 0.0 | 2.046 | 0.0 | 0.0 | 2.112 | 0.0 |
| 132 | 5572 | 5573 | NS | 1 | 0.0 | 24.52  | 13.774 | 0.0 | 32.263 | 16.0   | 0.0 | 355.875 | 13.643 | 0.0 | 81.694  | 13.346 | 0.0 | 1.945 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.112 | 0.0 | 0.0 | 2.074 | 0.0 |
| 133 | 5573 | 5574 | SN | 1 | 0.0 | 25.755 | 8.672  | 0.0 | 26.913 | 8.71   | 0.0 | 123.999 | 2.822  | 0.0 | 64.68   | 3.327  | 0.0 | 1.871 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.091 | 0.0 |
| 134 | 5573 | 5574 | SN | 1 | 0.0 | 25.755 | 8.672  | 0.0 | 26.913 | 8.71   | 0.0 | 123.999 | 2.822  | 0.0 | 64.68   | 3.327  | 0.0 | 1.871 | 0.0 | 0.0 | 1.956 | 0.0 | 0.0 | 2.043 | 0.0 | 0.0 | 2.091 | 0.0 |
| 135 | 5573 | 5574 | NS | 1 | 0.0 | 24.514 | 13.733 | 0.0 | 32.34  | 15.967 | 0.0 | 354.849 | 13.716 | 0.0 | 72.142  | 13.272 | 0.0 | 1.946 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.109 | 0.0 | 0.0 | 2.073 | 0.0 |
| 136 | 5573 | 5574 | SN | 1 | 0.0 | 37.149 | 15.44  | 0.0 | 25.932 | 14.914 | 0.0 | 128.373 | 11.374 | 0.0 | 38.484  | 11.464 | 0.0 | 1.875 | 0.0 | 0.0 | 1.97  | 0.0 | 0.0 | 2.045 | 0.0 | 0.0 | 2.069 | 0.0 |
| 137 | 5573 | 5574 | NS | 1 | 0.0 | 27.183 | 10.018 | 0.0 | 26.858 | 10.194 | 0.0 | 356.636 | 5.396  | 0.0 | 136.331 | 4.966  | 0.0 | 1.957 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.073 | 0.0 |
| 138 | 5573 | 5574 | NS | 1 | 0.0 | 27.183 | 10.018 | 0.0 | 26.858 | 10.194 | 0.0 | 356.636 | 5.396  | 0.0 | 136.331 | 4.966  | 0.0 | 1.957 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.11  | 0.0 | 0.0 | 2.073 | 0.0 |
| 139 | 5573 | 5574 | SN | 1 | 0.0 | 37.149 | 15.44  | 0.0 | 25.932 | 14.914 | 0.0 | 128.373 | 11.374 | 0.0 | 38.484  | 11.464 | 0.0 | 1.875 | 0.0 | 0.0 | 1.97  | 0.0 | 0.0 | 2.045 | 0.0 | 0.0 | 2.069 | 0.0 |
| 140 | 5573 | 5574 | NS | 1 | 0.0 | 24.514 | 13.733 | 0.0 | 32.34  | 15.967 | 0.0 | 354.849 | 13.716 | 0.0 | 72.142  | 13.272 | 0.0 | 1.946 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.109 | 0.0 | 0.0 | 2.073 | 0.0 |
| 141 | 5574 | 5575 | NS | 1 | 0.0 | 24.52  | 13.71  | 0.0 | 32.318 | 15.99  | 0.0 | 356.801 | 13.709 | 0.0 | 60.229  | 13.22  | 0.0 | 1.941 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.073 | 0.0 |
| 142 | 5574 | 5575 | NS | 1 | 0.0 | 24.52  | 13.71  | 0.0 | 32.318 | 15.99  | 0.0 | 356.801 | 13.709 | 0.0 | 60.229  | 13.22  | 0.0 | 1.941 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.073 | 0.0 |

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

|     |      |      |    |   |     |        |        |     |        |        |     |         |       |     |         |       |     |       |     |     |       |     |     |      |     |     |       |     |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|-------|-----|---------|-------|-----|-------|-----|-----|-------|-----|-----|------|-----|-----|-------|-----|
| 143 | 5574 | 5575 | NS | 1 | 0.0 | 27.172 | 10.017 | 0.0 | 26.858 | 10.161 | 0.0 | 354.932 | 5.324 | 0.0 | 136.033 | 4.902 | 0.0 | 1.958 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.11 | 0.0 | 0.0 | 2.073 | 0.0 |
| 144 | 5574 | 5575 | NS | 1 | 0.0 | 27.172 | 10.017 | 0.0 | 26.858 | 10.161 | 0.0 | 354.932 | 5.324 | 0.0 | 136.033 | 4.902 | 0.0 | 1.958 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.11 | 0.0 | 0.0 | 2.073 | 0.0 |

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