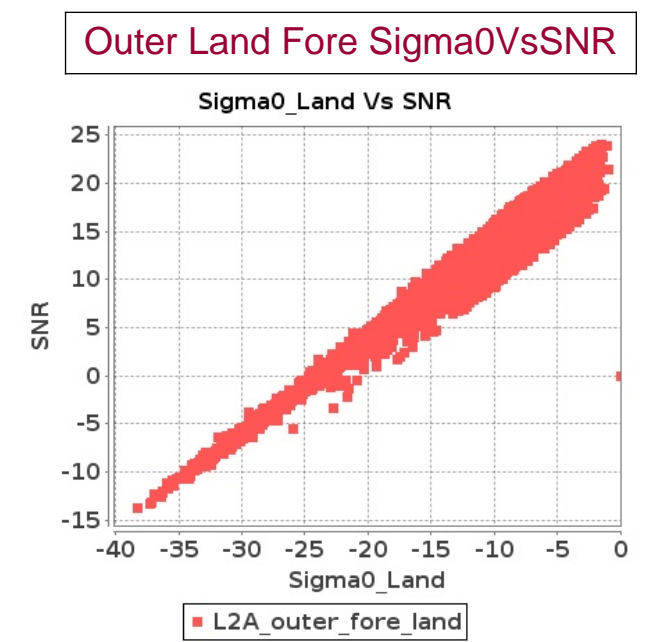
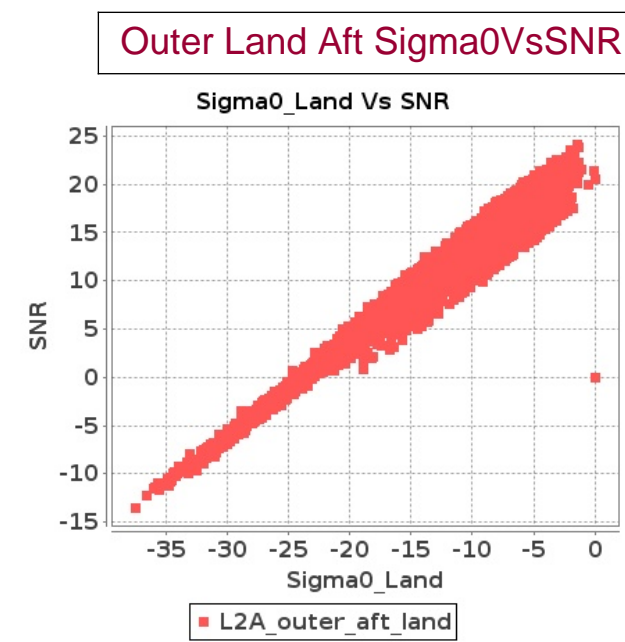
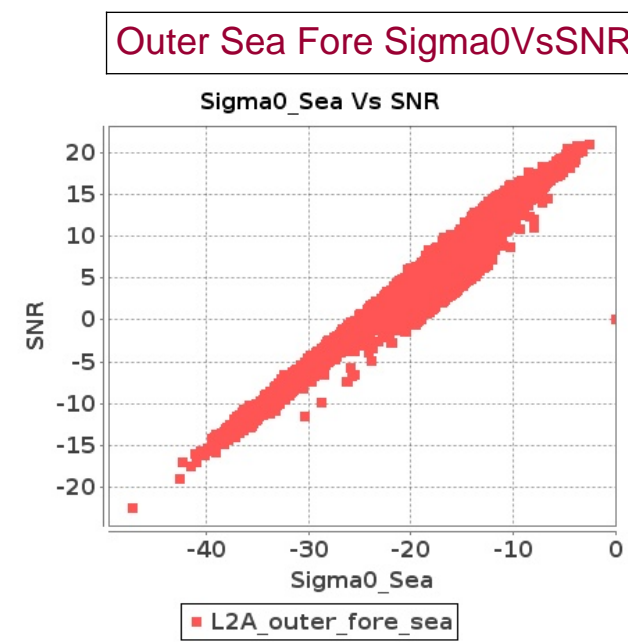
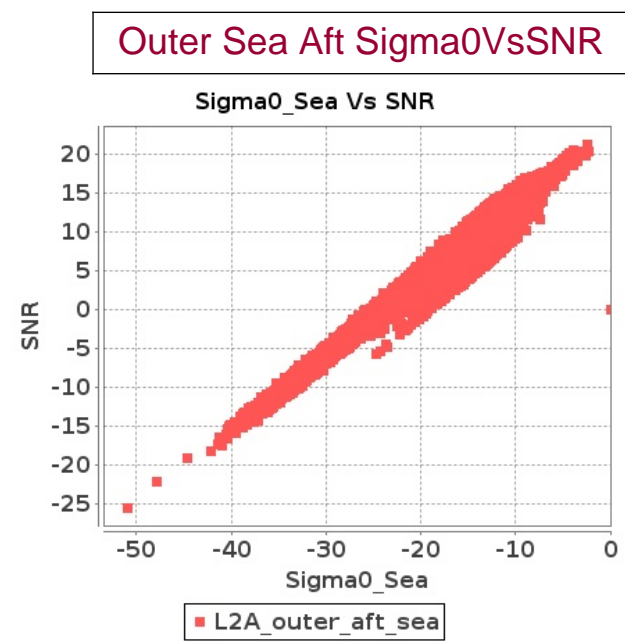
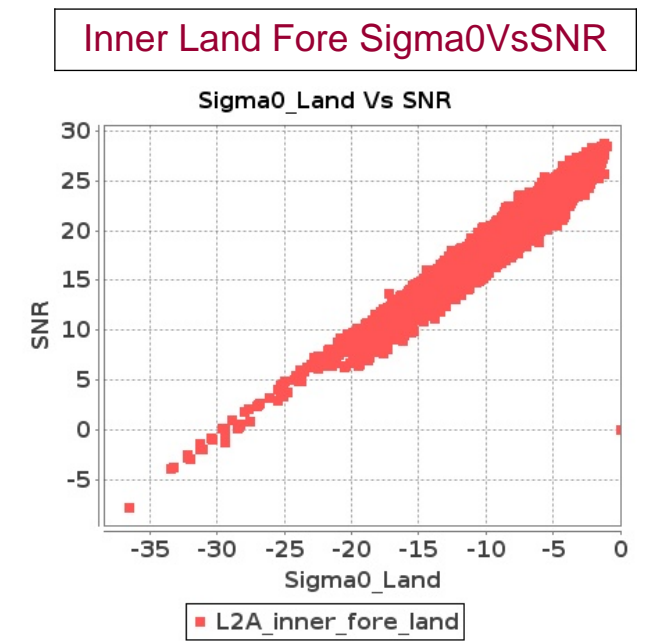
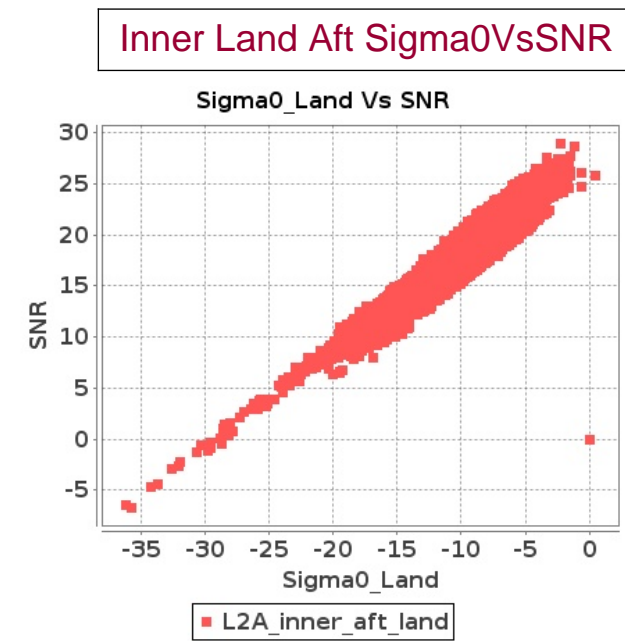
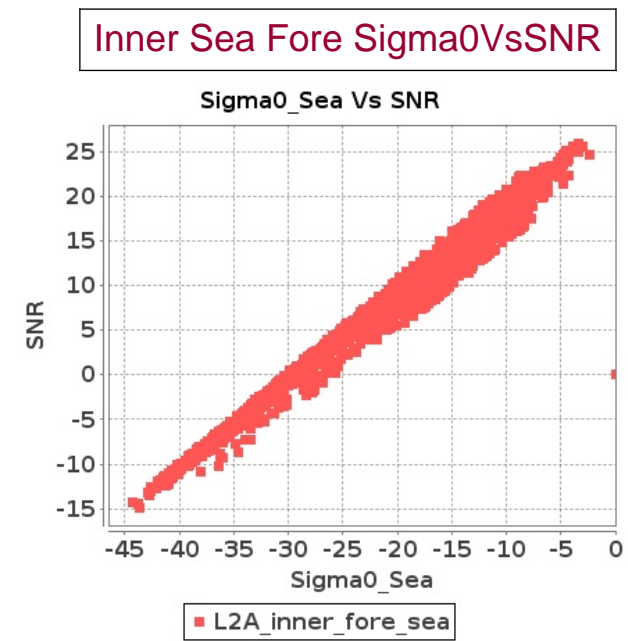
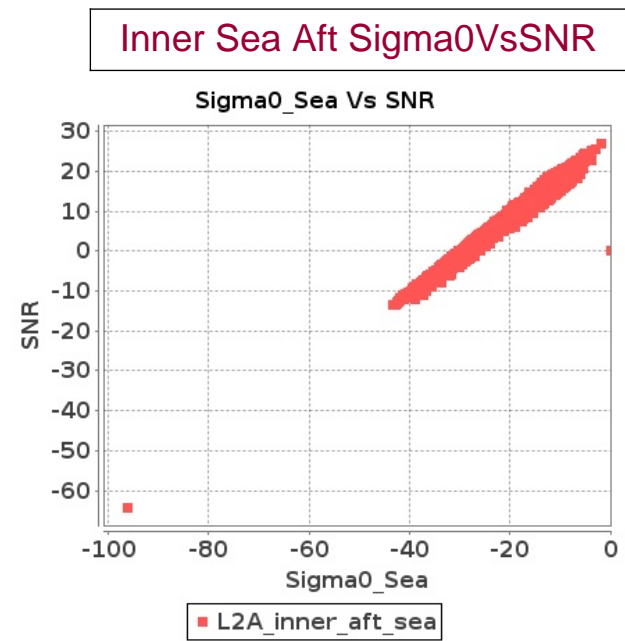


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 27-MAR-2017 To 28-MAR-2017



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

Report between 27-MAR-2017 To 28-MAR-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     | 2637        | 2638      | NS   | 1    | 0.0       | 51.122 | 2.392      | 0.0        | 49.13  | 2.348      | 0.0       | 45.876 | 1.732      | 0.0        | 41.794 | 2.112      | 0.0       | 53.729 | 2.292      | 0.0        | 46.501 | 1.995      | 0.0       | 43.202 | 1.819      | 0.0        | 40.539 | 1.475      |
| 2     | 2637        | 2638      | SN   | 1    | 0.0       | 48.192 | 2.309      | 0.0        | 48.701 | 2.291      | 0.0       | 42.072 | 1.82       | 0.0        | 51.204 | 2.271      | 0.0       | 46.221 | 2.307      | 0.0        | 48.834 | 2.009      | 0.0       | 42.672 | 1.884      | 0.0        | 44.917 | 1.79       |
| 3     | 2637        | 2638      | NS   | 1    | 0.0       | 54.686 | 7.856      | 0.0        | 55.78  | 8.582      | 0.0       | 50.595 | 5.912      | 0.0        | 49.281 | 7.29       | 0.0       | 53.839 | 7.574      | 0.0        | 55.564 | 7.612      | 0.0       | 46.668 | 6.154      | 0.0        | 44.626 | 5.738      |
| 4     | 2637        | 2638      | SN   | 1    | 0.0       | 58.141 | 7.647      | 0.0        | 50.52  | 7.805      | 0.0       | 51.249 | 6.114      | 0.0        | 47.063 | 7.042      | 0.0       | 57.407 | 7.581      | 0.0        | 50.372 | 7.121      | 0.0       | 50.737 | 6.299      | 0.0        | 47.652 | 5.689      |
| 5     | 2638        | 2639      | SN   | 1    | 0.0       | 46.282 | 1.711      | 0.0        | 47.337 | 2.024      | 0.0       | 40.974 | 1.522      | 0.0        | 47.153 | 2.358      | 0.0       | 44.99  | 1.812      | 0.0        | 43.322 | 1.787      | 0.0       | 44.901 | 1.672      | 0.0        | 43.239 | 1.722      |
| 6     | 2638        | 2639      | NS   | 1    | 0.0       | 58.797 | 6.661      | 0.0        | 53.699 | 7.553      | 0.0       | 48.97  | 5.422      | 0.0        | 43.676 | 6.935      | 0.0       | 60.796 | 6.893      | 0.0        | 52.418 | 7.196      | 0.0       | 50.092 | 5.892      | 0.0        | 41.159 | 5.974      |
| 7     | 2638        | 2639      | SN   | 1    | 0.0       | 45.129 | 5.123      | 0.0        | 48.936 | 5.554      | 0.0       | 48.089 | 4.443      | 0.0        | 44.39  | 5.974      | 0.0       | 45.684 | 5.181      | 0.0        | 48.561 | 5.112      | 0.0       | 50.207 | 4.91       | 0.0        | 42.621 | 4.749      |
| 8     | 2638        | 2639      | NS   | 1    | 0.0       | 46.614 | 2.195      | 0.0        | 51.308 | 2.475      | 0.0       | 42.304 | 1.69       | 0.0        | 40.573 | 2.428      | 0.0       | 46.286 | 2.218      | 0.0        | 50.918 | 2.27       | 0.0       | 43.435 | 1.855      | 0.0        | 37.434 | 1.965      |
| 9     | 2639        | 2640      | SN   | 1    | 0.0       | 47.052 | 4.542      | 0.0        | 43.799 | 5.055      | 0.0       | 38.022 | 3.747      | 0.0        | 40.991 | 6.282      | 0.0       | 45.013 | 4.492      | 0.0        | 43.856 | 4.312      | 0.0       | 37.921 | 4.109      | 0.0        | 37.389 | 4.481      |
| 10    | 2639        | 2640      | SN   | 1    | 0.0       | 42.007 | 1.383      | 0.0        | 41.353 | 1.689      | 0.0       | 36.817 | 1.341      | 0.0        | 42.724 | 2.18       | 0.0       | 45.799 | 1.392      | 0.0        | 39.261 | 1.331      | 0.0       | 42.228 | 1.403      | 0.0        | 38.864 | 1.448      |
| 11    | 2639        | 2640      | NS   | 1    | 0.0       | 41.206 | 1.391      | 0.0        | 42.434 | 1.857      | 0.0       | 42.009 | 1.532      | 0.0        | 43.751 | 2.087      | 0.0       | 40.618 | 1.372      | 0.0        | 40.35  | 1.653      | 0.0       | 44.616 | 1.505      | 0.0        | 39.937 | 1.466      |
| 12    | 2639        | 2640      | NS   | 1    | 0.0       | 48.525 | 4.595      | 0.0        | 51.125 | 5.884      | 0.0       | 42.434 | 4.494      | 0.0        | 44.045 | 5.681      | 0.0       | 46.747 | 4.802      | 0.0        | 49.061 | 5.379      | 0.0       | 43.345 | 4.387      | 0.0        | 42.985 | 4.279      |
| 13    | 2640        | 2641      | NS   | 1    | 0.0       | 44.467 | 1.663      | 0.0        | 44.97  | 1.878      | 0.0       | 43.616 | 1.41       | 0.0        | 40.25  | 2.011      | 0.0       | 45.998 | 1.667      | 0.0        | 41.565 | 1.544      | 0.0       | 41.893 | 1.506      | 0.0        | 35.753 | 1.374      |
| 14    | 2640        | 2641      | SN   | 1    | 0.0       | 41.206 | 0.719      | 0.0        | 39.156 | 1.419      | 0.0       | 41.712 | 1.056      | 0.0        | 40.717 | 2.093      | 0.0       | 43.992 | 0.618      | 0.0        | 36.685 | 1.013      | 0.0       | 41.719 | 0.903      | 0.0        | 36.188 | 1.091      |
| 15    | 2640        | 2641      | NS   | 1    | 0.0       | 48.302 | 6.294      | 0.0        | 48.268 | 7.116      | 0.0       | 46.3   | 5.182      | 0.0        | 42.922 | 6.61       | 0.0       | 48.36  | 5.912      | 0.0        | 47.77  | 6.162      | 0.0       | 47.88  | 5.175      | 0.0        | 42.328 | 4.894      |
| 16    | 2640        | 2641      | SN   | 1    | 0.0       | 42.725 | 2.624      | 0.0        | 47.448 | 4.295      | 0.0       | 39.246 | 3.166      | 0.0        | 42.409 | 5.54       | 0.0       | 40.825 | 2.176      | 0.0        | 45.0   | 3.19       | 0.0       | 37.466 | 2.649      | 0.0        | 37.271 | 3.451      |
| 17    | 2641        | 2642      | SN   | 1    | 0.0       | 48.003 | 5.198      | 0.0        | 43.823 | 6.558      | 0.0       | 36.97  | 4.888      | 0.0        | 47.971 | 7.456      | 0.0       | 49.389 | 4.75       | 0.0        | 43.311 | 4.996      | 0.0       | 40.214 | 4.888      | 0.0        | 46.692 | 4.877      |
| 18    | 2641        | 2642      | NS   | 1    | 0.0       | 44.701 | 1.187      | 0.0        | 43.178 | 1.154      | 0.0       | 44.462 | 0.971      | 0.0        | 47.965 | 1.576      | 0.0       | 46.184 | 1.113      | 0.0        | 43.557 | 0.924      | 0.0       | 45.04  | 0.903      | 0.0        | 47.178 | 0.891      |
| 19    | 2641        | 2642      | NS   | 1    | 0.0       | 45.85  | 3.998      | 0.0        | 55.175 | 4.401      | 0.0       | 49.704 | 3.61       | 0.0        | 49.626 | 5.069      | 0.0       | 45.98  | 3.824      | 0.0        | 51.195 | 3.589      | 0.0       | 47.524 | 3.197      | 0.0        | 45.0   | 3.197      |
| 20    | 2641        | 2642      | SN   | 1    | 0.0       | 43.732 | 1.586      | 0.0        | 39.662 | 2.104      | 0.0       | 39.527 | 1.772      | 0.0        | 40.401 | 2.895      | 0.0       | 40.565 | 1.432      | 0.0        | 41.667 | 1.531      | 0.0       | 37.023 | 1.715      | 0.0        | 38.586 | 1.659      |
| 21    | 2642        | 2643      | NS   | 1    | 0.0       | 44.817 | 1.769      | 0.0        | 44.482 | 1.99       | 0.0       | 39.237 | 1.562      | 0.0        | 43.262 | 2.309      | 0.0       | 47.147 | 1.734      | 0.0        | 43.231 | 1.611      | 0.0       | 36.578 | 1.495      | 0.0        | 38.96  | 1.418      |
| 22    | 2642        | 2643      | SN   | 1    | 0.0       | 46.541 | 3.123      | 0.0        | 49.844 | 3.73       | 0.0       | 47.963 | 2.56       | 0.0        | 46.348 | 3.784      | 0.0       | 47.684 | 3.127      | 0.0        | 47.11  | 3.277      | 0.0       | 42.199 | 2.694      | 0.0        | 45.925 | 2.696      |
| 23    | 2642        | 2643      | SN   | 1    | 0.0       | 53.099 | 9.533      | 0.0        | 53.211 | 11.313     | 0.0       | 50.321 | 8.387      | 0.0        | 43.983 | 10.806     | 0.0       | 53.557 | 9.632      | 0.0        | 53.281 | 10.27      | 0.0       | 50.975 | 8.741      | 0.0        | 44.387 | 8.419      |
| 24    | 2642        | 2643      | NS   | 1    | 0.0       | 55.024 | 5.947      | 0.0        | 53.037 | 6.756      | 0.0       | 41.743 | 4.935      | 0.0        | 47.505 | 7.212      | 0.0       | 53.478 | 5.806      | 0.0        | 53.344 | 5.86       | 0.0       | 46.068 | 4.693      | 0.0        | 45.668 | 5.069      |
| 25    | 2643        | 2644      | NS   | 1    | 0.0       | 44.141 | 1.814      | 0.0        | 44.809 | 2.148      | 0.0       | 38.505 | 1.711      | 0.0        | 45.855 | 2.779      | 0.0       | 46.312 | 1.672      | 0.0        | 42.443 | 1.747      | 0.0       | 39.617 | 1.746      | 0.0        | 41.696 | 1.864      |
| 26    | 2643        | 2644      | NS   | 1    | 0.0       | 55.472 | 5.608      | 0.0        | 54.821 | 6.745      | 0.0       | 46.733 | 4.979      | 0.0        | 45.333 | 7.303      | 0.0       | 57.185 | 5.467      | 0.0        | 58.305 | 5.882      | 0.0       | 47.39  | 5.0        | 0.0        | 43.519 | 5.358      |
| 27    | 2643        | 2644      | SN   | 1    | 0.0       | 51.583 | 5.379      | 0.0        | 55.002 | 5.666      | 0.0       | 46.477 | 4.044      | 0.0        | 44.687 | 4.921      | 0.0       | 54.154 | 5.056      | 0.0        | 57.222 | 4.771      | 0.0       | 46.71  | 3.675      | 0.0        | 43.506 | 3.25       |
| 28    | 2643        | 2644      | SN   | 1    | 0.0       | 53.76  | 1.501      | 0.0        | 41.181 | 1.456      | 0.0       | 42.255 | 1.1        | 0.0        | 44.472 | 1.385      | 0.0       | 52.184 | 1.394      | 0.0        | 39.215 | 1.19       | 0.0       | 46.048 | 1.009      | 0.0        | 40.35  | 0.825      |
| 29    | 2644        | 2645      | SN   | 1    | 0.0       | 43.488 | 1.879      | 0.0        | 50.157 | 1.833      | 0.0       | 44.206 | 1.356      | 0.0        | 39.414 | 1.648      | 0.0       | 44.597 | 1.941      | 0.0        | 46.401 | 1.682      | 0.0       | 51.572 | 1.575      | 0.0        | 37.08  | 1.297      |
| 30    | 2644        | 2645      | SN   | 1    | 0.0       | 51.529 | 5.888      | 0.0        | 52.798 | 6.248      | 0.0       | 44.973 | 4.727      | 0.0        | 47.986 | 5.729      | 0.0       | 54.3   | 5.788      | 0.0        | 54.428 | 5.873      | 0.0       | 46.988 | 4.961      | 0.0        | 44.54  | 4.695      |
| 31    | 2644        | 2645      | NS   | 1    | 0.0       | 46.899 | 1.078      | 0.0        | 51.04  | 1.446      | 0.0       | 38.172 | 1.136      | 0.0        | 43.615 | 1.917      | 0.0       | 49.923 | 1.013      | 0.0        | 50.867 | 1.171      | 0.0       | 38.989 | 1.015      | 0.0        | 38.269 | 1.163      |

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

|    |      |      |    |   |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |
|----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 32 | 2645 | 2646 | NS | 1 | 0.0 | 47.188 | 2.68  | 0.0 | 55.067 | 2.643 | 0.0 | 43.509 | 2.074 | 0.0 | 45.992 | 2.886 | 0.0 | 46.302 | 2.619 | 0.0 | 54.473 | 2.298 | 0.0 | 41.175 | 2.213 | 0.0 | 44.296 | 2.021 |
| 33 | 2645 | 2646 | NS | 1 | 0.0 | 54.73  | 8.311 | 0.0 | 56.275 | 8.725 | 0.0 | 43.0   | 6.829 | 0.0 | 47.734 | 8.014 | 0.0 | 55.593 | 8.187 | 0.0 | 55.253 | 7.863 | 0.0 | 45.518 | 7.043 | 0.0 | 44.802 | 6.418 |

|                          |            |      |        |        |            |
|--------------------------|------------|------|--------|--------|------------|
| 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     | 2637        | 2638      | NS   | 1    | 0.0           | 27.07  | 13.302     | 0.0        | 26.599 | 12.779     | 0.0       | 348.137 | 3.657      | 0.0        | 50.545  | 3.087      | 0.0             | 1.901 | 0.0        | 1.858      | 0.0 | 0.0        | 2.208     | 0.0 | 0.0        | 2.187      | 0.0 |            |
| 2     | 2637        | 2638      | SN   | 1    | 0.0           | 25.816 | 12.906     | 0.0        | 27.691 | 12.95      | 0.0       | 232.507 | 4.719      | 0.0        | 75.55   | 5.0        | 0.0             | 1.884 | 0.0        | 1.965      | 0.0 | 0.0        | 2.216     | 0.0 | 0.0        | 2.267      | 0.0 |            |
| 3     | 2637        | 2638      | NS   | 1    | 0.0           | 38.492 | 24.805     | 0.0        | 33.586 | 23.615     | 0.0       | 356.983 | 12.849     | 0.0        | 51.234  | 12.139     | 0.0             | 1.923 | 0.0        | 1.867      | 0.0 | 0.0        | 2.218     | 0.0 | 0.0        | 2.188      | 0.0 |            |
| 4     | 2637        | 2638      | SN   | 1    | 0.0           | 32.765 | 24.178     | 0.0        | 38.156 | 24.7       | 0.0       | 189.716 | 14.418     | 0.0        | 79.673  | 14.625     | 0.0             | 1.901 | 0.0        | 1.976      | 0.0 | 0.0        | 2.221     | 0.0 | 0.0        | 2.295      | 0.0 |            |
| 5     | 2638        | 2639      | SN   | 1    | 0.0           | 25.871 | 12.898     | 0.0        | 27.702 | 12.917     | 0.0       | 218.245 | 4.715      | 0.0        | 76.173  | 4.964      | 0.0             | 1.885 | 0.0        | 1.966      | 0.0 | 0.0        | 2.217     | 0.0 | 0.0        | 2.268      | 0.0 |            |
| 6     | 2638        | 2639      | NS   | 1    | 0.0           | 38.558 | 24.818     | 0.0        | 36.438 | 23.586     | 0.0       | 357.061 | 12.846     | 0.0        | 53.871  | 12.147     | 0.0             | 1.919 | 0.0        | 1.868      | 0.0 | 0.0        | 2.217     | 0.0 | 0.0        | 2.187      | 0.0 |            |
| 7     | 2638        | 2639      | SN   | 1    | 0.0           | 32.765 | 24.136     | 0.0        | 38.128 | 24.66      | 0.0       | 189.981 | 14.483     | 0.0        | 70.73   | 14.583     | 0.0             | 1.902 | 0.0        | 1.975      | 0.0 | 0.0        | 2.222     | 0.0 | 0.0        | 2.296      | 0.0 |            |
| 8     | 2638        | 2639      | NS   | 1    | 0.0           | 27.035 | 13.271     | 0.0        | 26.687 | 12.735     | 0.0       | 336.434 | 3.643      | 0.0        | 51.003  | 3.057      | 0.0             | 1.908 | 0.0        | 1.857      | 0.0 | 0.0        | 2.208     | 0.0 | 0.0        | 2.186      | 0.0 |            |
| 9     | 2639        | 2640      | SN   | 1    | 0.0           | 30.382 | 24.095     | 0.0        | 38.26  | 24.624     | 0.0       | 188.988 | 14.493     | 0.0        | 71.094  | 14.761     | 0.0             | 1.9   | 0.0        | 1.96       | 0.0 | 0.0        | 2.223     | 0.0 | 0.0        | 2.27       | 0.0 |            |
| 10    | 2639        | 2640      | SN   | 1    | 0.0           | 25.286 | 12.861     | 0.0        | 27.674 | 12.957     | 0.0       | 183.396 | 4.794      | 0.0        | 128.949 | 5.066      | 0.0             | 1.885 | 0.0        | 1.966      | 0.0 | 0.0        | 2.219     | 0.0 | 0.0        | 2.277      | 0.0 |            |
| 11    | 2639        | 2640      | NS   | 1    | 0.0           | 27.057 | 13.269     | 0.0        | 26.693 | 12.734     | 0.0       | 323.844 | 3.624      | 0.0        | 51.361  | 3.053      | 0.0             | 1.91  | 0.0        | 1.854      | 0.0 | 0.0        | 2.209     | 0.0 | 0.0        | 2.186      | 0.0 |            |
| 12    | 2639        | 2640      | NS   | 1    | 0.0           | 38.282 | 24.824     | 0.0        | 33.619 | 23.496     | 0.0       | 357.011 | 12.748     | 0.0        | 51.753  | 11.996     | 0.0             | 1.924 | 0.0        | 1.864      | 0.0 | 0.0        | 2.218     | 0.0 | 0.0        | 2.188      | 0.0 |            |
| 13    | 2640        | 2641      | NS   | 1    | 0.0           | 27.115 | 13.242     | 0.0        | 26.615 | 12.707     | 0.0       | 325.432 | 3.616      | 0.0        | 61.575  | 3.049      | 0.0             | 1.9   | 0.0        | 1.854      | 0.0 | 0.0        | 2.206     | 0.0 | 0.0        | 2.186      | 0.0 |            |
| 14    | 2640        | 2641      | SN   | 1    | 0.0           | 25.242 | 12.874     | 0.0        | 27.663 | 12.955     | 0.0       | 206.829 | 4.787      | 0.0        | 143.906 | 5.076      | 0.0             | 1.885 | 0.0        | 1.968      | 0.0 | 0.0        | 2.221     | 0.0 | 0.0        | 2.277      | 0.0 |            |
| 15    | 2640        | 2641      | NS   | 1    | 0.0           | 38.646 | 24.851     | 0.0        | 33.371 | 23.536     | 0.0       | 350.382 | 12.748     | 0.0        | 57.858  | 11.967     | 0.0             | 1.919 | 0.0        | 1.865      | 0.0 | 0.0        | 2.218     | 0.0 | 0.0        | 2.187      | 0.0 |            |
| 16    | 2640        | 2641      | SN   | 1    | 0.0           | 30.244 | 24.13      | 0.0        | 38.233 | 24.692     | 0.0       | 211.809 | 14.5       | 0.0        | 62.639  | 14.79      | 0.0             | 1.903 | 0.0        | 1.959      | 0.0 | 0.0        | 2.224     | 0.0 | 0.0        | 2.269      | 0.0 |            |
| 17    | 2641        | 2642      | SN   | 1    | 0.0           | 30.272 | 24.149     | 0.0        | 38.271 | 24.61      | 0.0       | 206.173 | 14.521     | 0.0        | 68.397  | 14.839     | 0.0             | 1.902 | 0.0        | 1.981      | 0.0 | 0.0        | 2.224     | 0.0 | 0.0        | 2.268      | 0.0 |            |
| 18    | 2641        | 2642      | NS   | 1    | 0.0           | 27.093 | 13.269     | 0.0        | 26.61  | 12.718     | 0.0       | 349.874 | 3.621      | 0.0        | 62.248  | 3.039      | 0.0             | 1.908 | 0.0        | 1.857      | 0.0 | 0.0        | 2.205     | 0.0 | 0.0        | 2.187      | 0.0 |            |
| 19    | 2641        | 2642      | NS   | 1    | 0.0           | 38.547 | 24.759     | 0.0        | 33.597 | 23.612     | 0.0       | 355.329 | 12.811     | 0.0        | 58.316  | 11.925     | 0.0             | 1.918 | 0.0        | 1.869      | 0.0 | 0.0        | 2.217     | 0.0 | 0.0        | 2.187      | 0.0 |            |
| 20    | 2641        | 2642      | SN   | 1    | 0.0           | 25.17  | 12.872     | 0.0        | 27.74  | 12.949     | 0.0       | 190.764 | 4.757      | 0.0        | 278.166 | 5.099      | 0.0             | 1.884 | 0.0        | 1.964      | 0.0 | 0.0        | 2.221     | 0.0 | 0.0        | 2.268      | 0.0 |            |
| 21    | 2642        | 2643      | NS   | 1    | 0.0           | 27.068 | 13.272     | 0.0        | 26.599 | 12.737     | 0.0       | 350.139 | 3.616      | 0.0        | 63.014  | 3.058      | 0.0             | 1.906 | 0.0        | 1.859      | 0.0 | 0.0        | 2.207     | 0.0 | 0.0        | 2.186      | 0.0 |            |
| 22    | 2642        | 2643      | SN   | 1    | 0.0           | 25.204 | 12.858     | 0.0        | 27.751 | 12.944     | 0.0       | 174.202 | 4.74       | 0.0        | 66.671  | 5.07       | 0.0             | 1.887 | 0.0        | 1.964      | 0.0 | 0.0        | 2.222     | 0.0 | 0.0        | 2.269      | 0.0 |            |
| 23    | 2642        | 2643      | SN   | 1    | 0.0           | 34.744 | 24.155     | 0.0        | 38.294 | 24.537     | 0.0       | 162.111 | 14.465     | 0.0        | 88.152  | 14.688     | 0.0             | 1.901 | 0.0        | 1.994      | 0.0 | 0.0        | 2.226     | 0.0 | 0.0        | 2.267      | 0.0 |            |
| 24    | 2642        | 2643      | NS   | 1    | 0.0           | 38.58  | 24.793     | 0.0        | 33.575 | 23.632     | 0.0       | 353.845 | 12.789     | 0.0        | 58.922  | 11.946     | 0.0             | 1.919 | 0.0        | 1.868      | 0.0 | 0.0        | 2.217     | 0.0 | 0.0        | 2.187      | 0.0 |            |
| 25    | 2643        | 2644      | NS   | 1    | 0.0           | 27.106 | 13.281     | 0.0        | 26.654 | 12.749     | 0.0       | 353.845 | 3.64       | 0.0        | 56.214  | 3.066      | 0.0             | 1.902 | 0.0        | 1.854      | 0.0 | 0.0        | 2.208     | 0.0 | 0.0        | 2.186      | 0.0 |            |
| 26    | 2643        | 2644      | NS   | 1    | 0.0           | 38.23  | 24.869     | 0.0        | 33.393 | 23.552     | 0.0       | 353.845 | 12.821     | 0.0        | 35.66   | 11.983     | 0.0             | 1.911 | 0.0        | 1.866      | 0.0 | 0.0        | 2.216     | 0.0 | 0.0        | 2.187      | 0.0 |            |
| 27    | 2643        | 2644      | SN   | 1    | 0.0           | 30.151 | 24.132     | 0.0        | 38.294 | 24.673     | 0.0       | 167.706 | 14.432     | 0.0        | 66.886  | 14.779     | 0.0             | 1.9   | 0.0        | 1.952      | 0.0 | 0.0        | 2.223     | 0.0 | 0.0        | 2.266      | 0.0 |            |
| 28    | 2643        | 2644      | SN   | 1    | 0.0           | 24.983 | 12.858     | 0.0        | 27.685 | 12.973     | 0.0       | 178.962 | 4.732      | 0.0        | 275.513 | 5.076      | 0.0             | 1.885 | 0.0        | 1.963      | 0.0 | 0.0        | 2.222     | 0.0 | 0.0        | 2.276      | 0.0 |            |
| 29    | 2644        | 2645      | SN   | 1    | 0.0           | 25.75  | 12.856     | 0.0        | 27.724 | 12.937     | 0.0       | 174.252 | 4.664      | 0.0        | 68.281  | 4.958      | 0.0             | 1.886 | 0.0        | 1.964      | 0.0 | 0.0        | 2.221     | 0.0 | 0.0        | 2.28       | 0.0 |            |
| 30    | 2644        | 2645      | SN   | 1    | 0.0           | 32.588 | 24.124     | 0.0        | 38.338 | 24.693     | 0.0       | 357.044 | 14.471     | 0.0        | 70.895  | 14.585     | 0.0             | 1.901 | 0.0        | 1.967      | 0.0 | 0.0        | 2.225     | 0.0 | 0.0        | 2.293      | 0.0 |            |
| 31    | 2644        | 2645      | NS   | 1    | 0.0           | 27.079 | 13.303     | 0.0        | 26.671 | 12.748     | 0.0       | 352.886 | 3.645      | 0.0        | 68.971  | 3.063      | 0.0             | 1.902 | 0.0        | 1.854      | 0.0 | 0.0        | 2.209     | 0.0 | 0.0        | 2.186      | 0.0 |            |

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

|    |      |      |    |   |     |        |        |     |        |        |     |         |        |     |        |        |     |       |     |     |       |     |     |       |     |     |       |     |
|----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 2645 | 2646 | NS | 1 | 0.0 | 26.968 | 13.286 | 0.0 | 26.671 | 12.757 | 0.0 | 352.952 | 3.615  | 0.0 | 61.035 | 3.06   | 0.0 | 1.901 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.206 | 0.0 | 0.0 | 2.186 | 0.0 |
| 33 | 2645 | 2646 | NS | 1 | 0.0 | 38.63  | 24.826 | 0.0 | 33.443 | 23.621 | 0.0 | 356.36  | 12.697 | 0.0 | 35.864 | 11.989 | 0.0 | 1.914 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.217 | 0.0 | 0.0 | 2.187 | 0.0 |

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